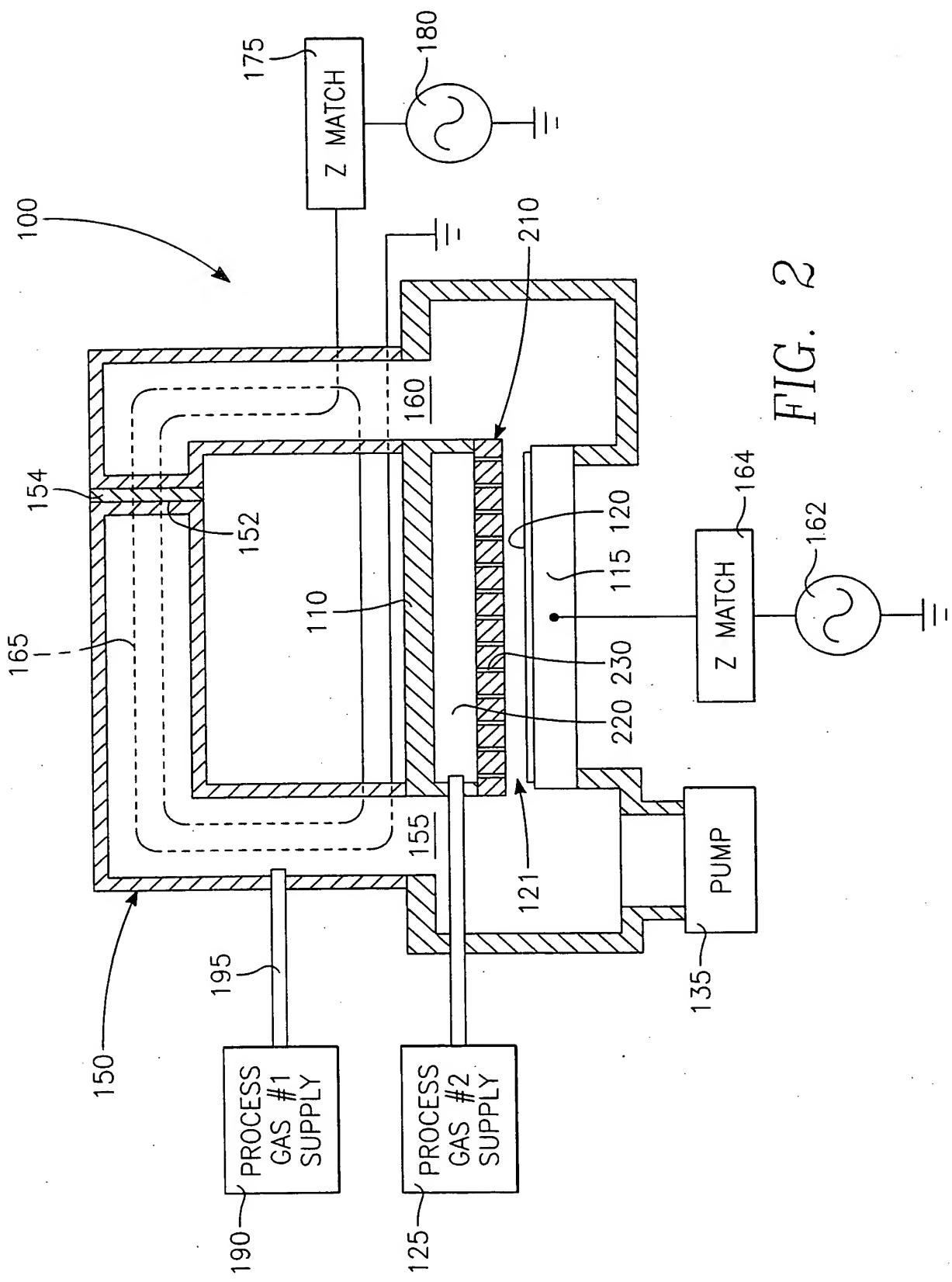
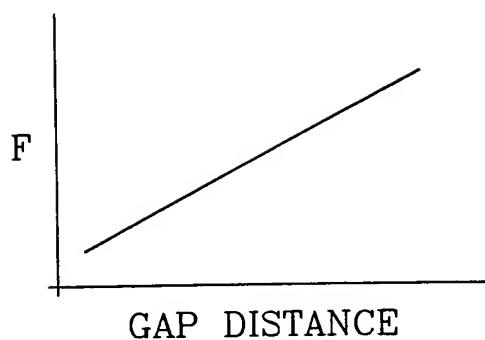


FIG. 1

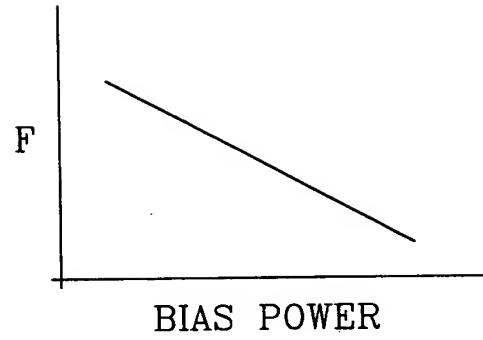


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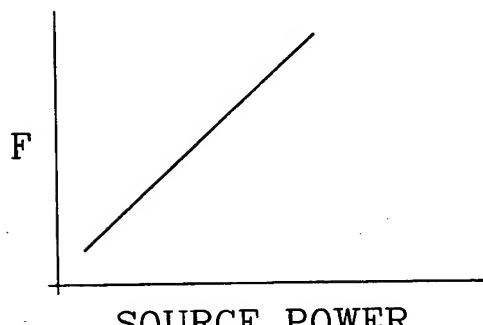
GAP DISTANCE

FIG. 3



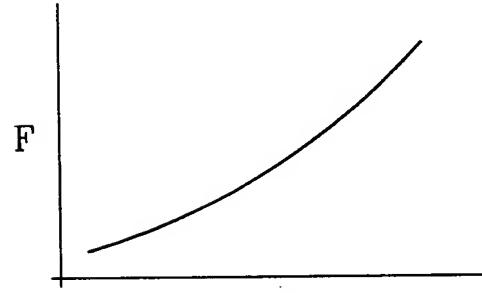
BIAS POWER

FIG. 4



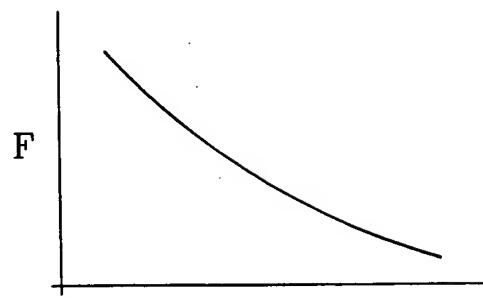
SOURCE POWER

FIG. 5



CHAMBER PRESSURE

FIG. 6



Ar PARTIAL PRESSURE

FIG. 7

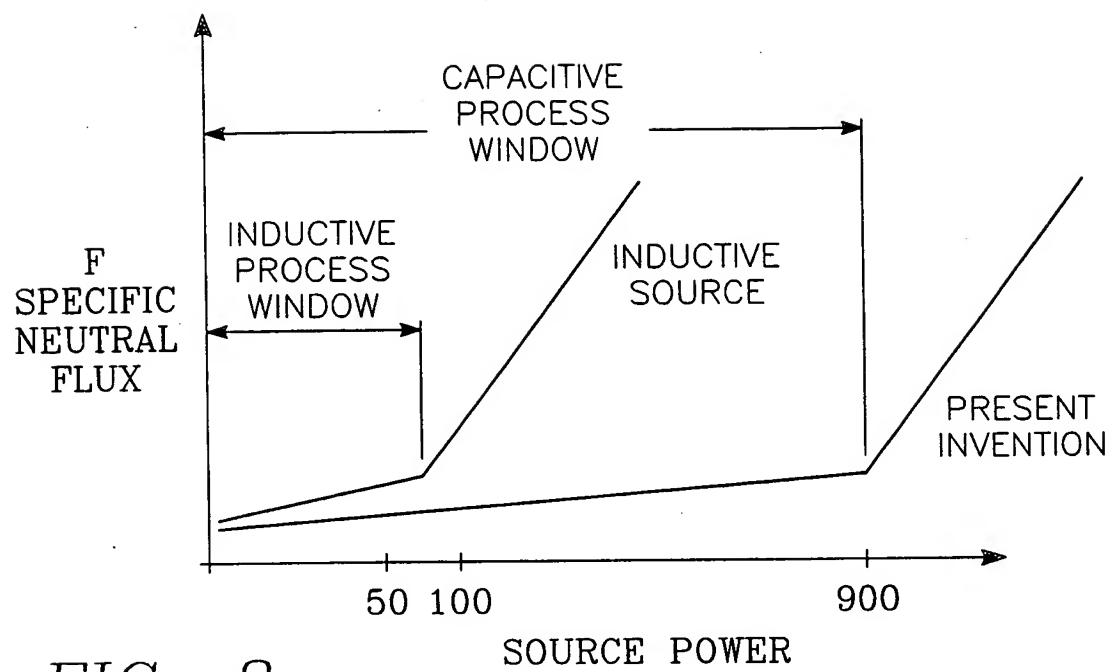


FIG. 8

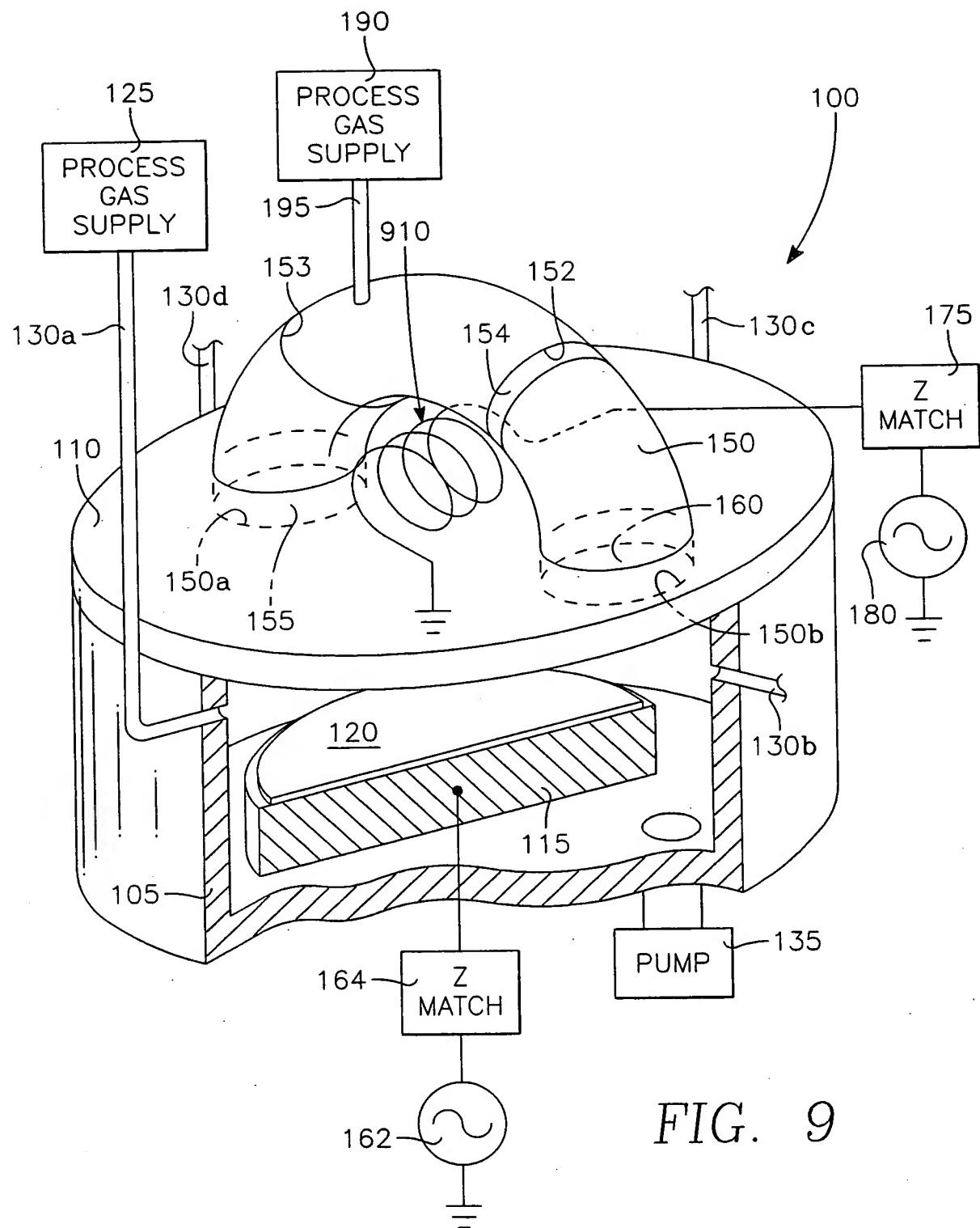


FIG. 9

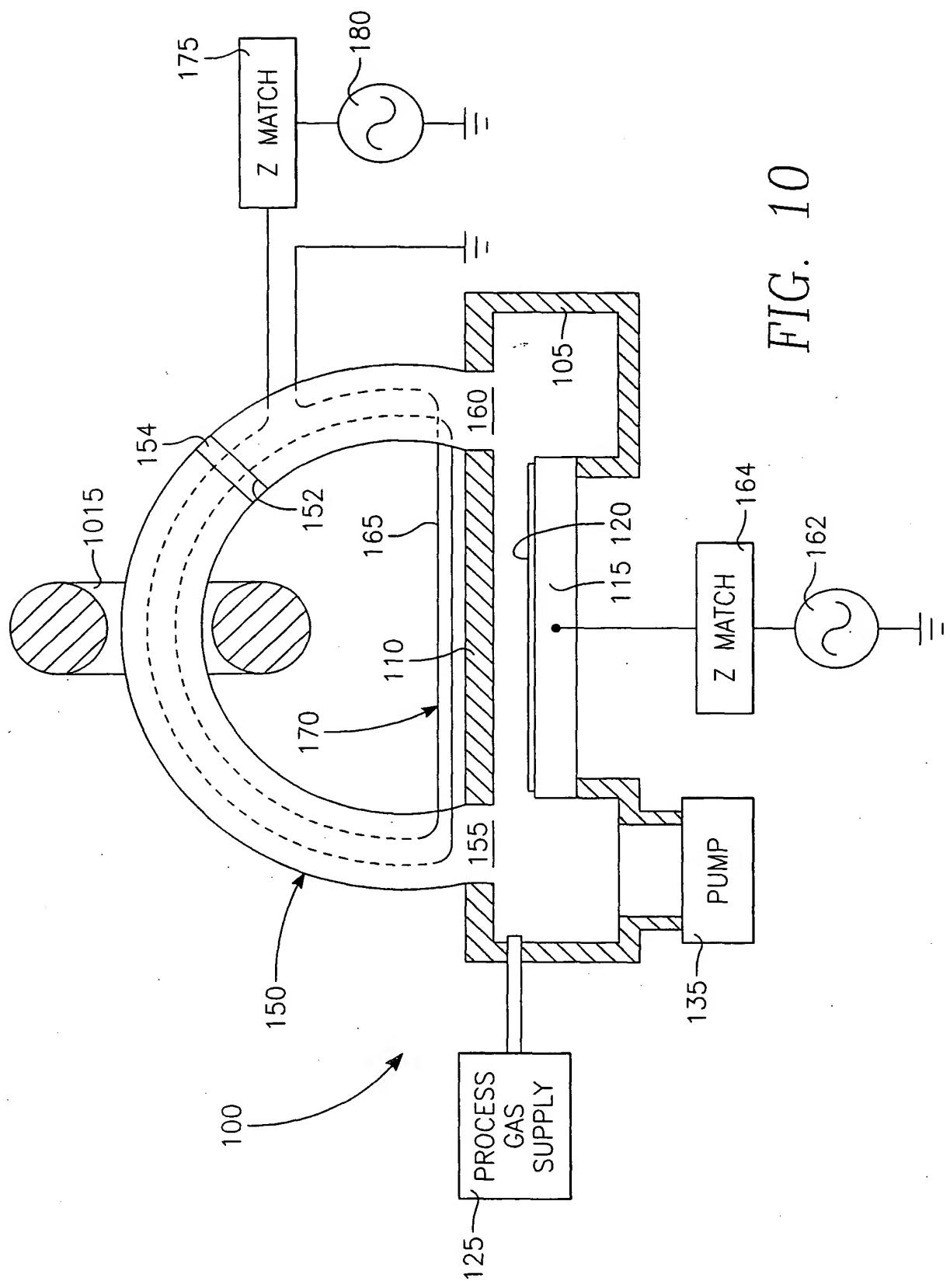


FIG. 10

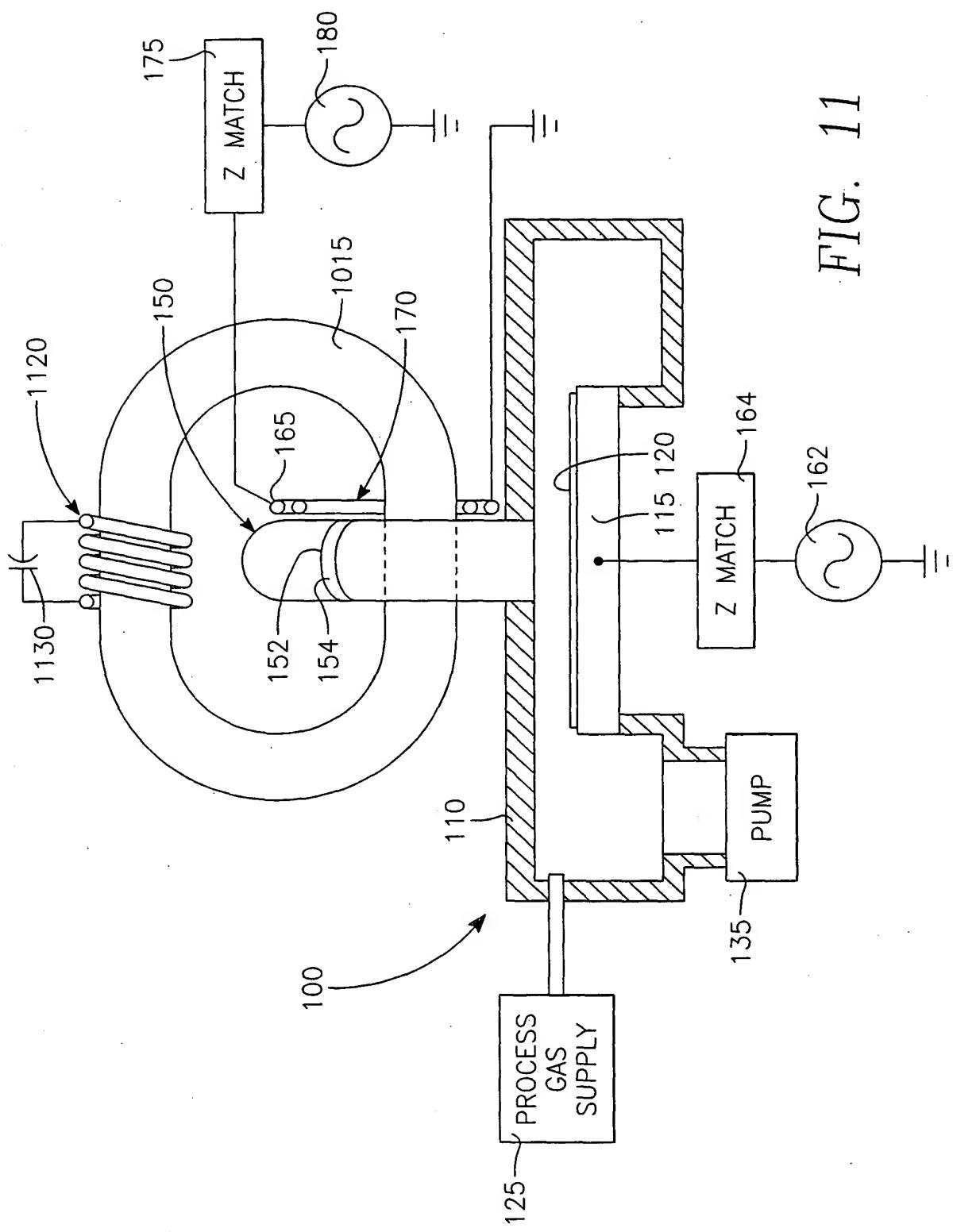


FIG. 11

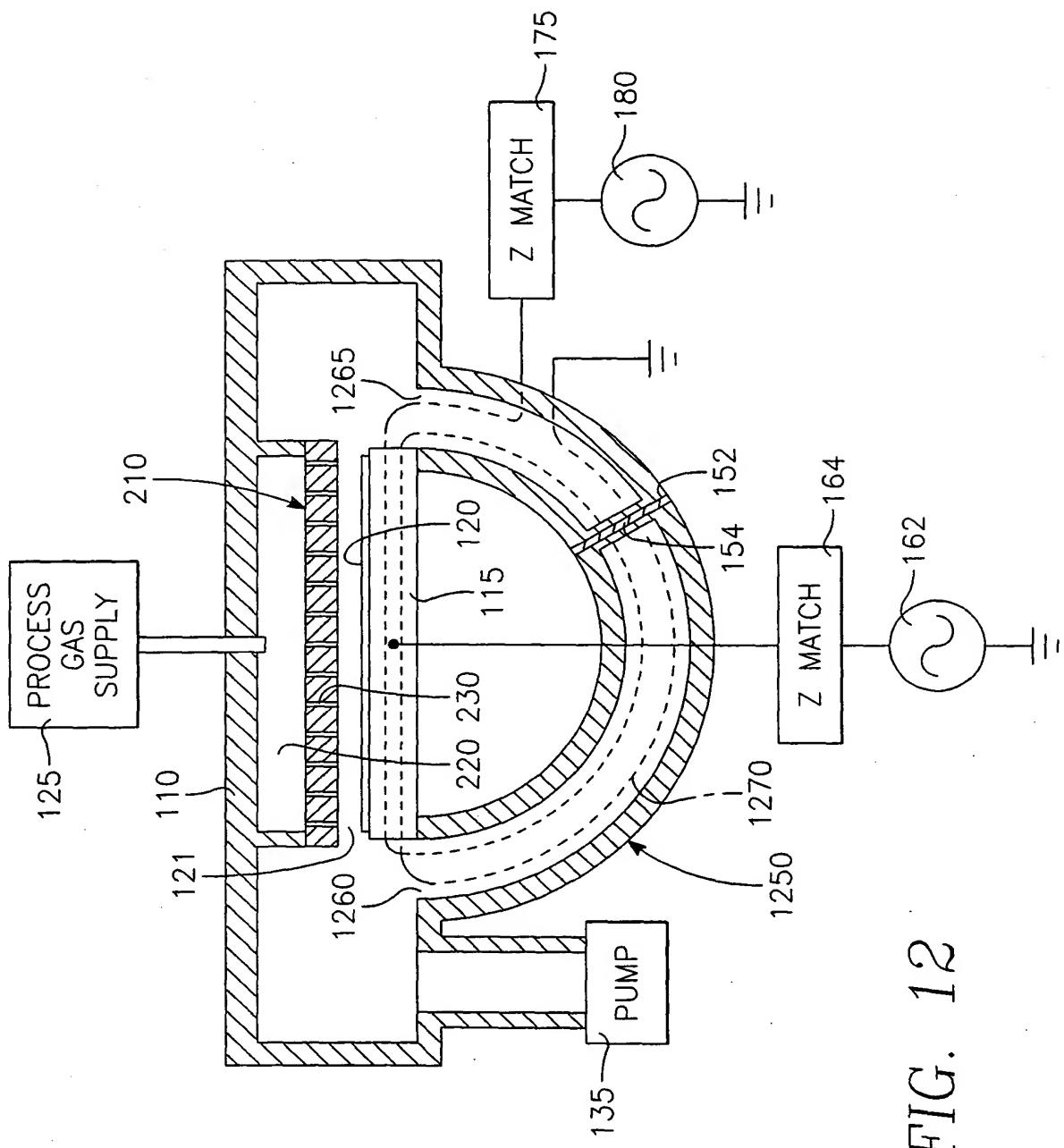


FIG. 12

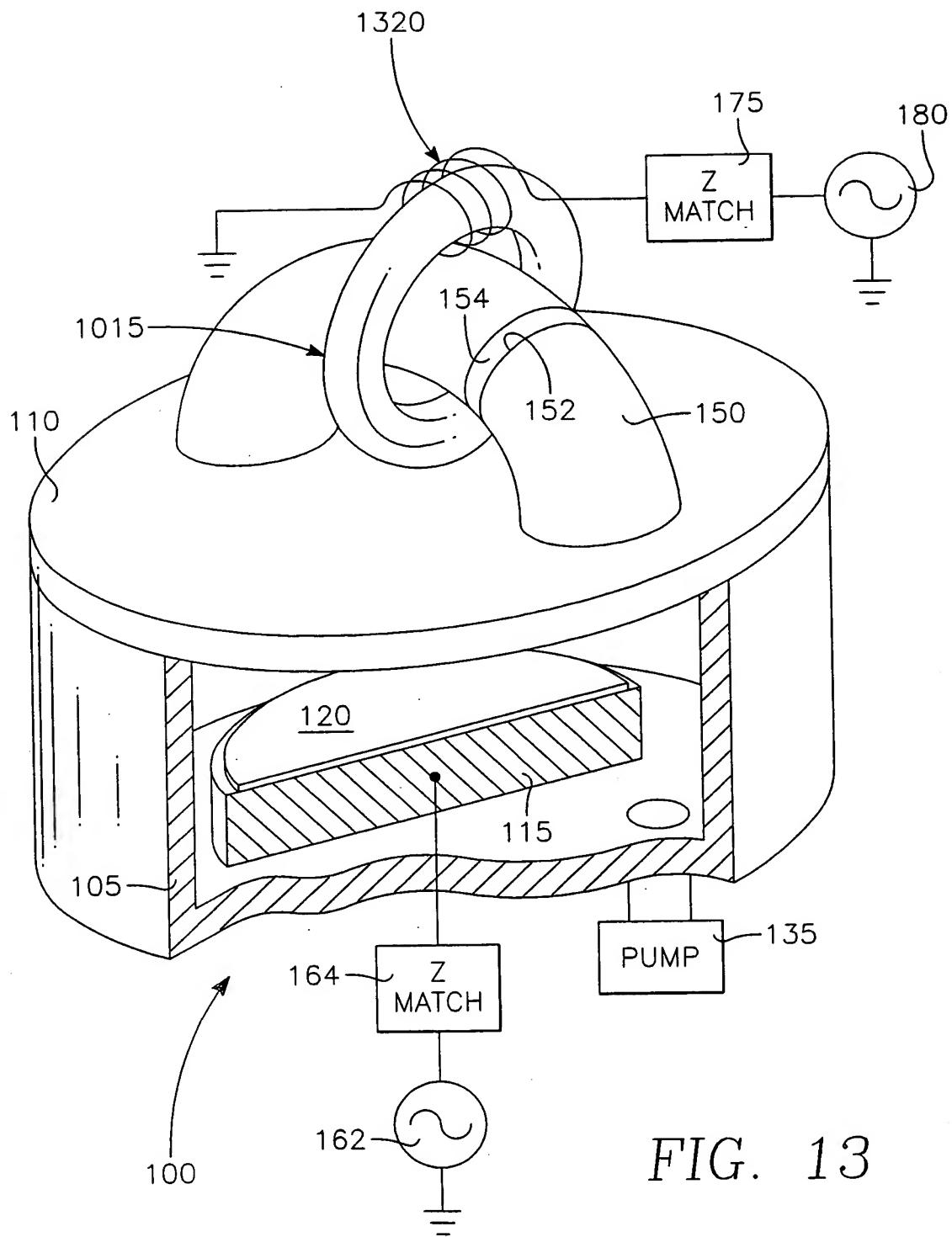


FIG. 13

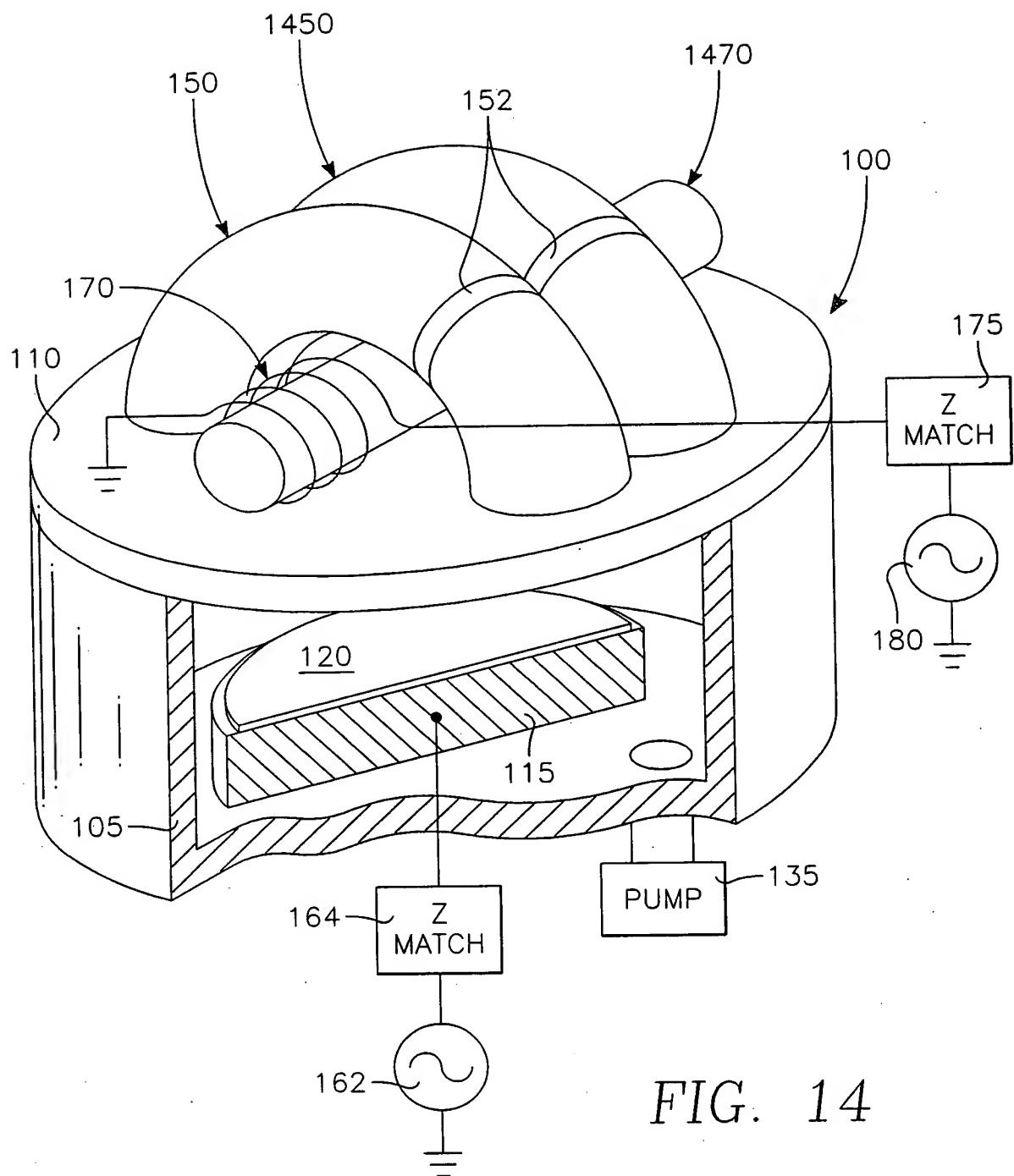


FIG. 14

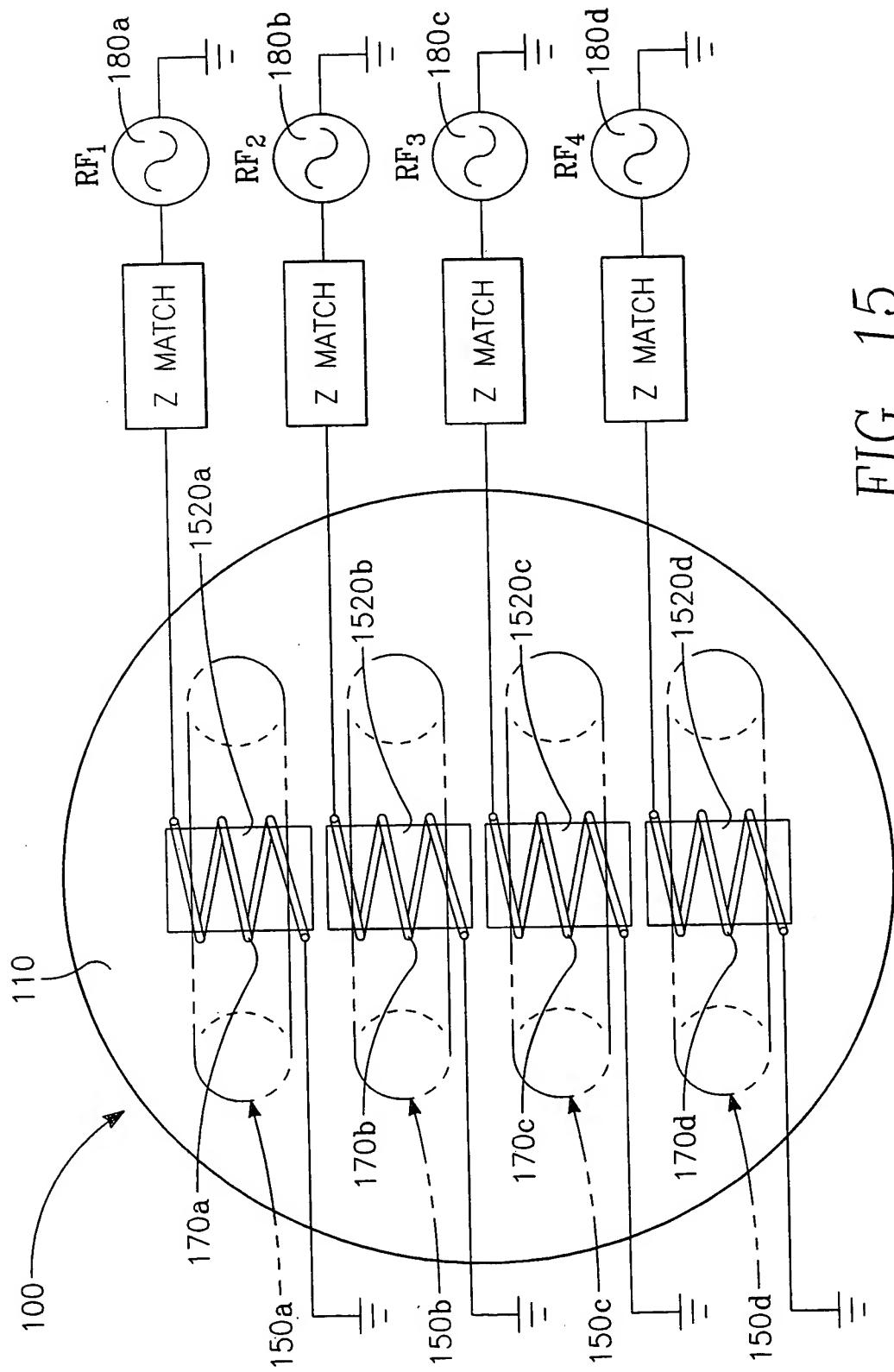


FIG. 15

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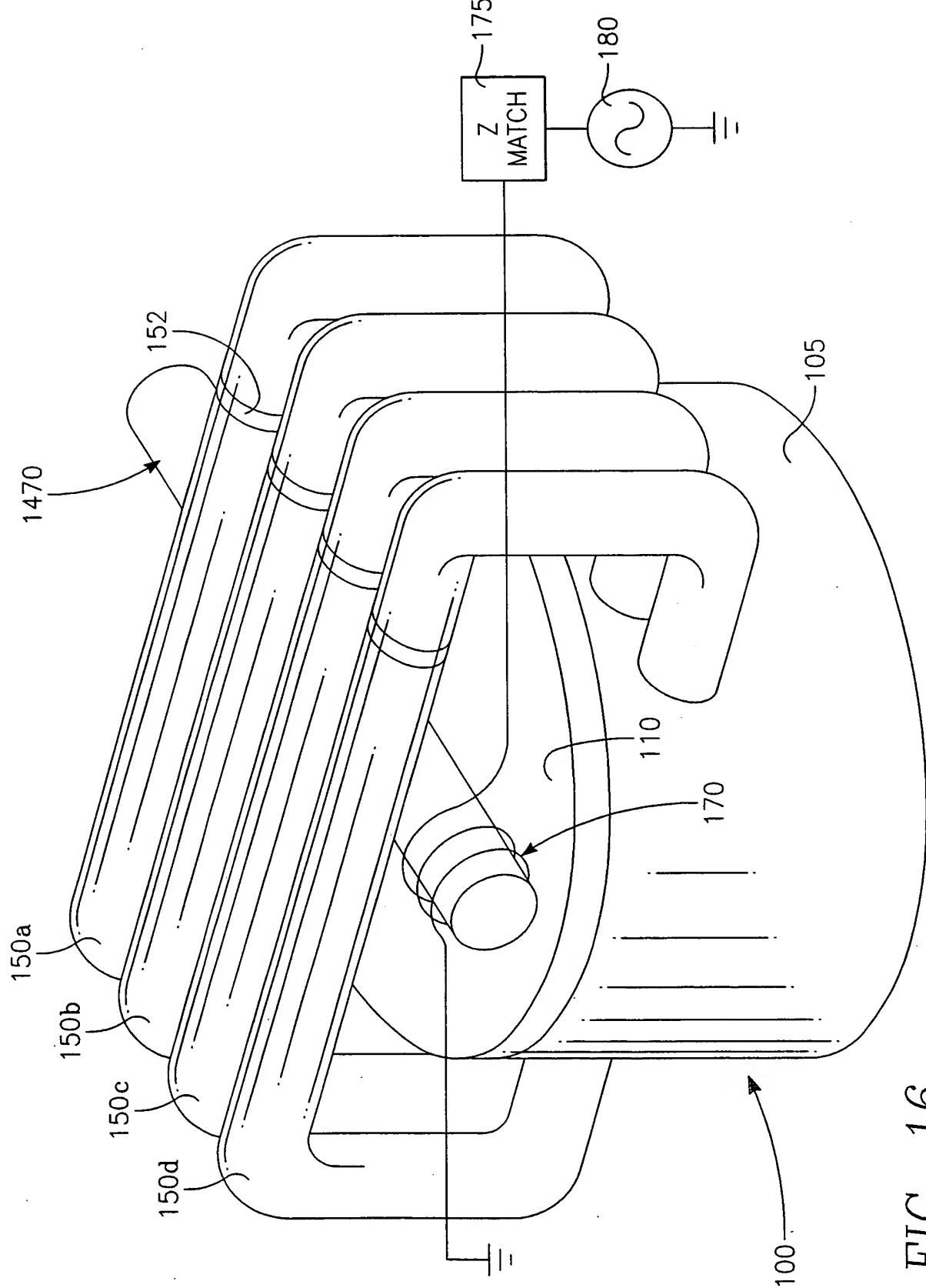


FIG. 16

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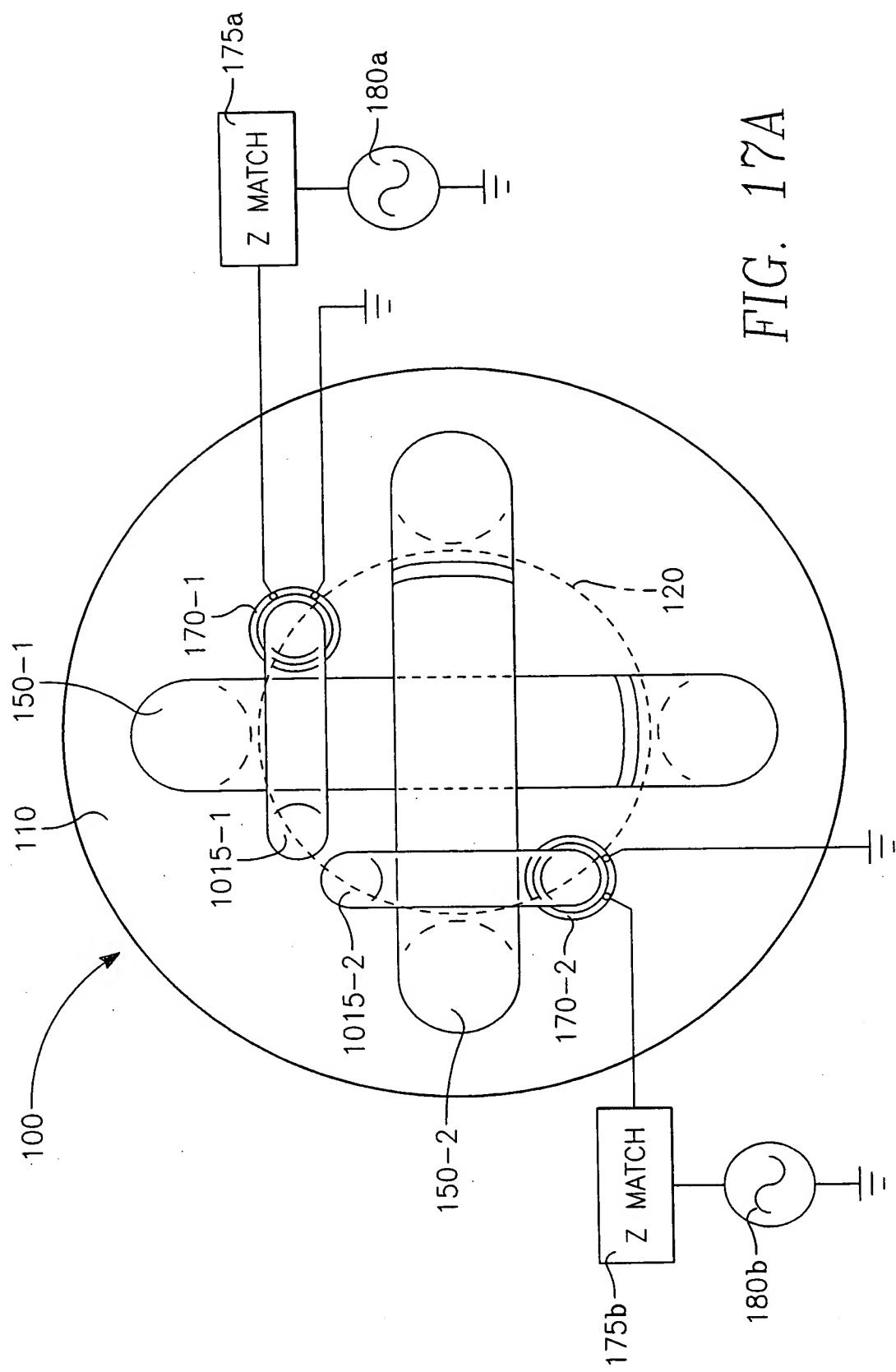


FIG. 17A

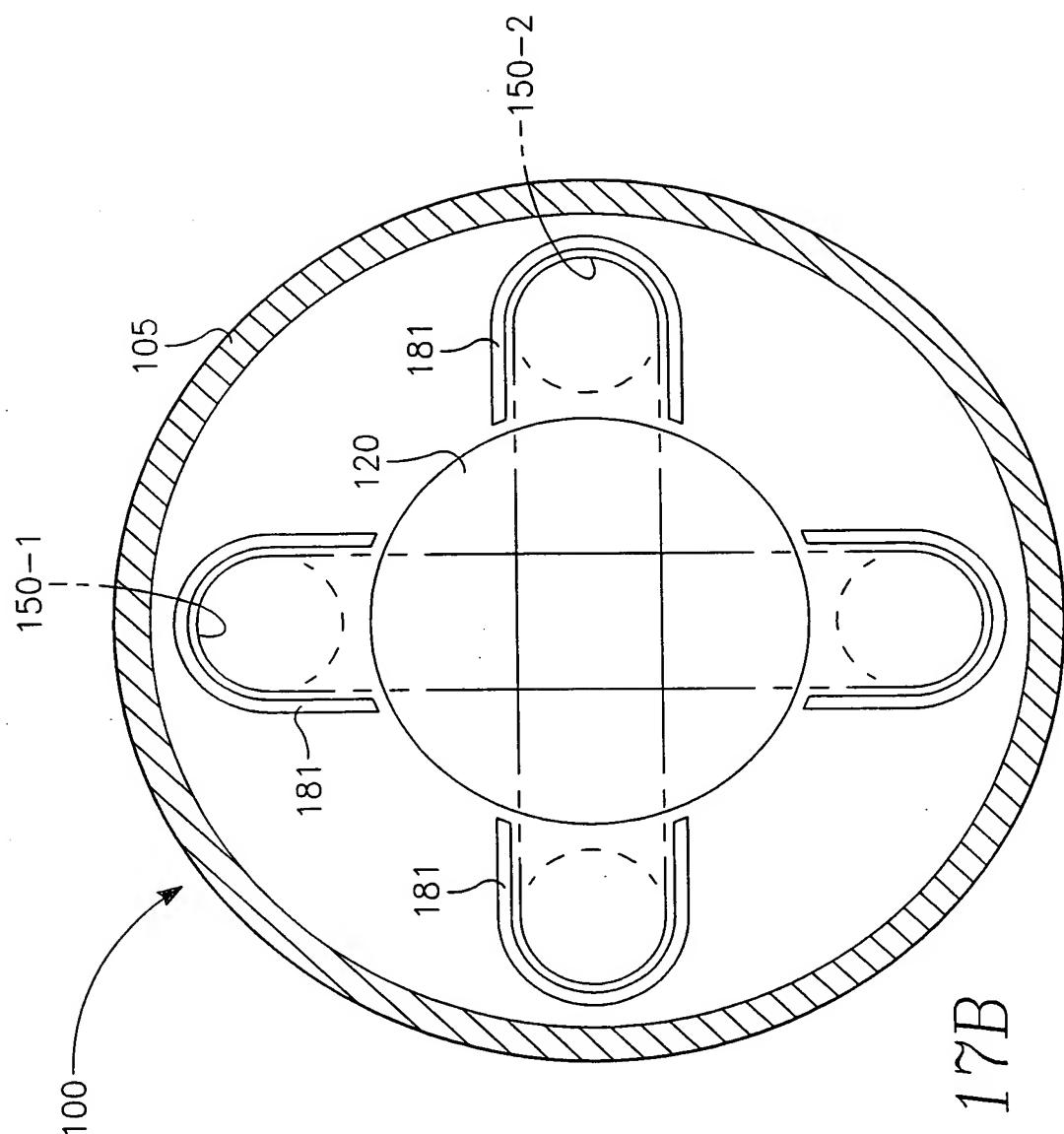


FIG. 17B

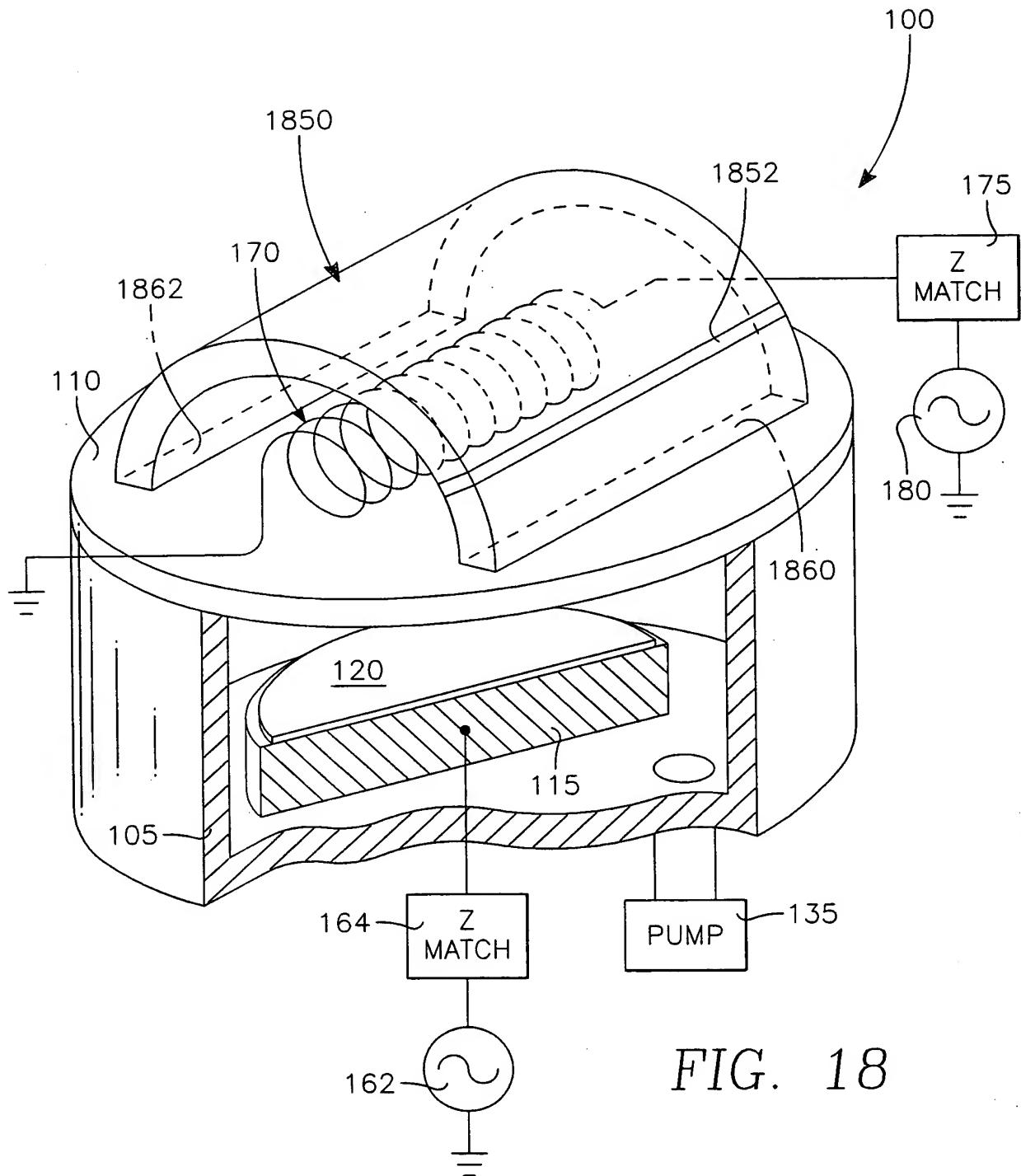


FIG. 18

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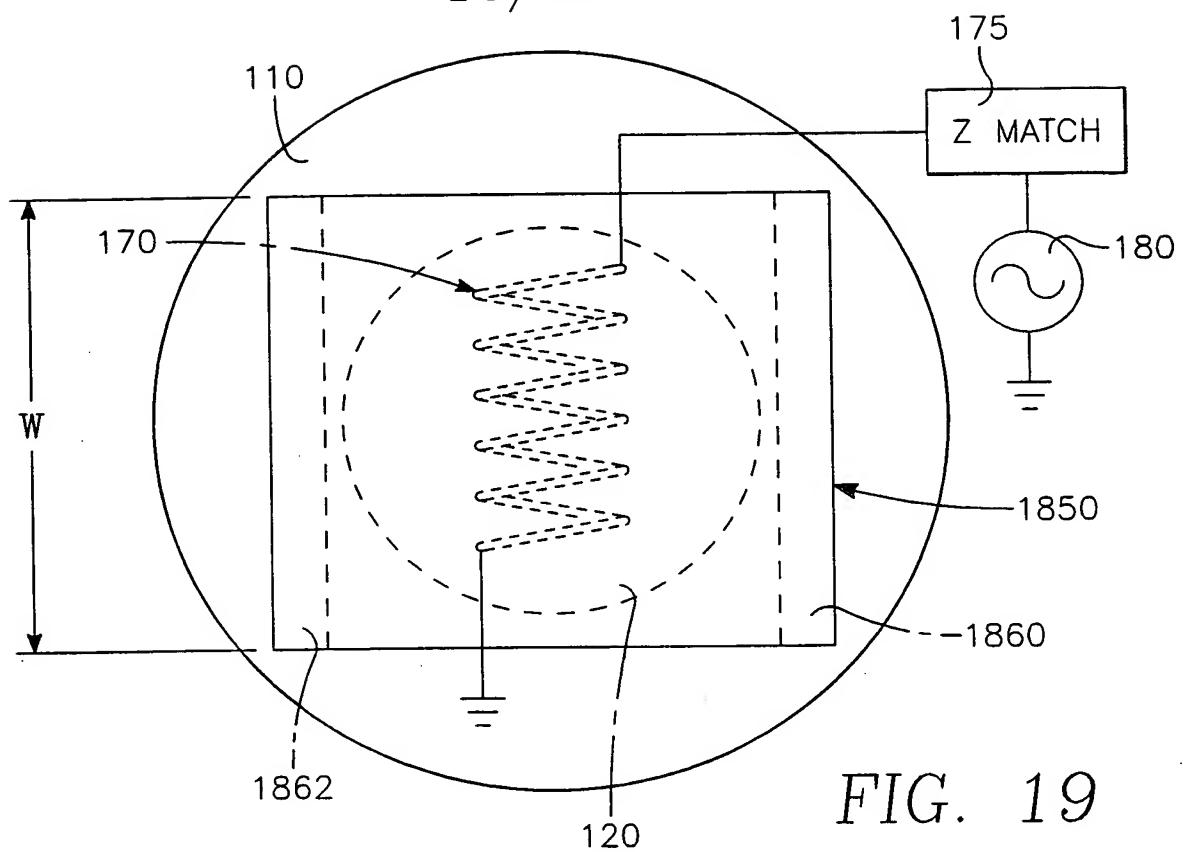


FIG. 19

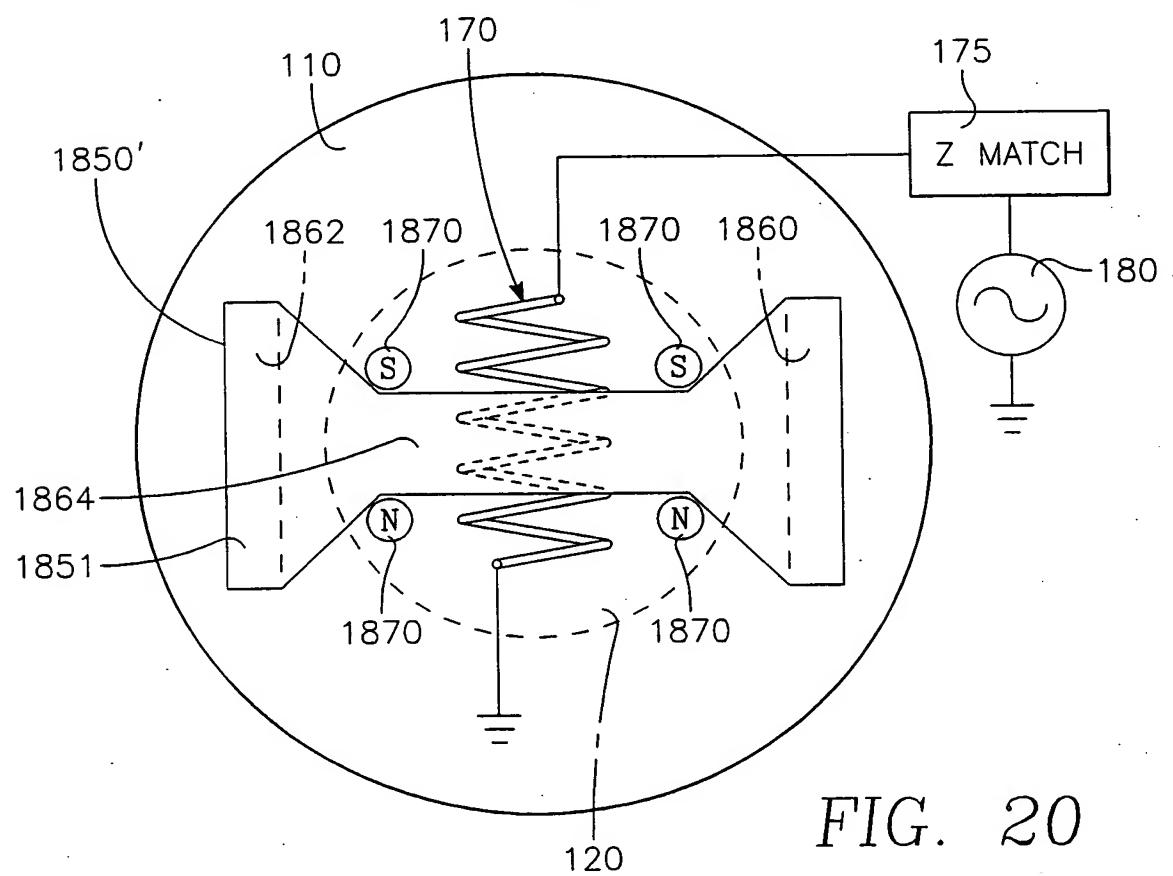


FIG. 20

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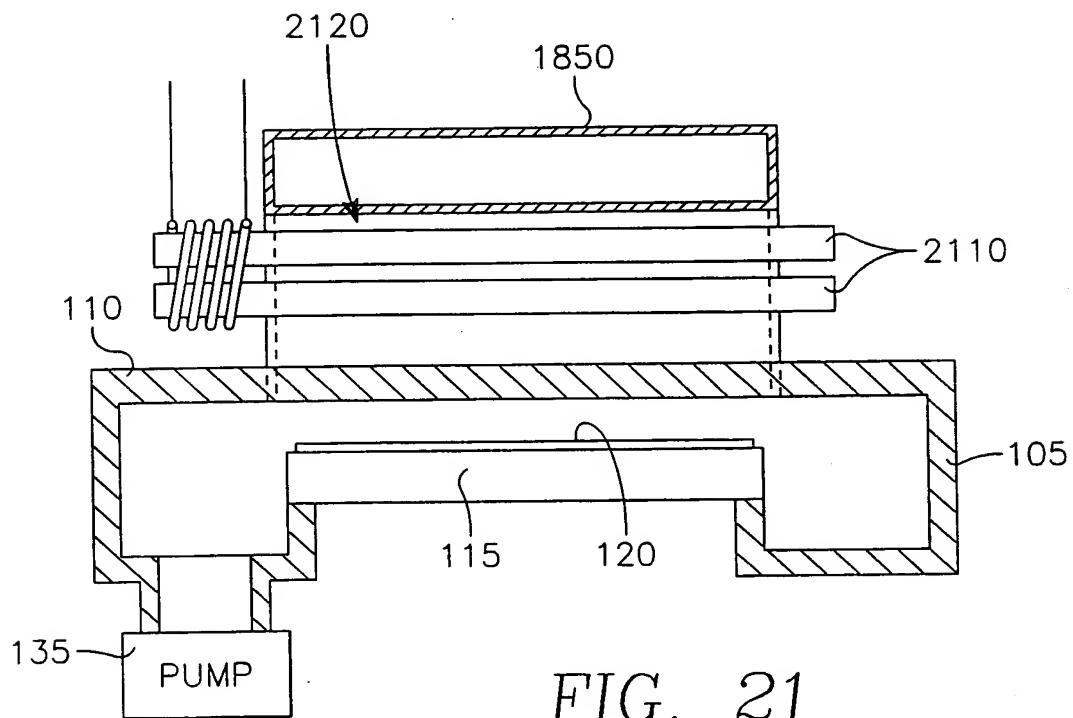


FIG. 21

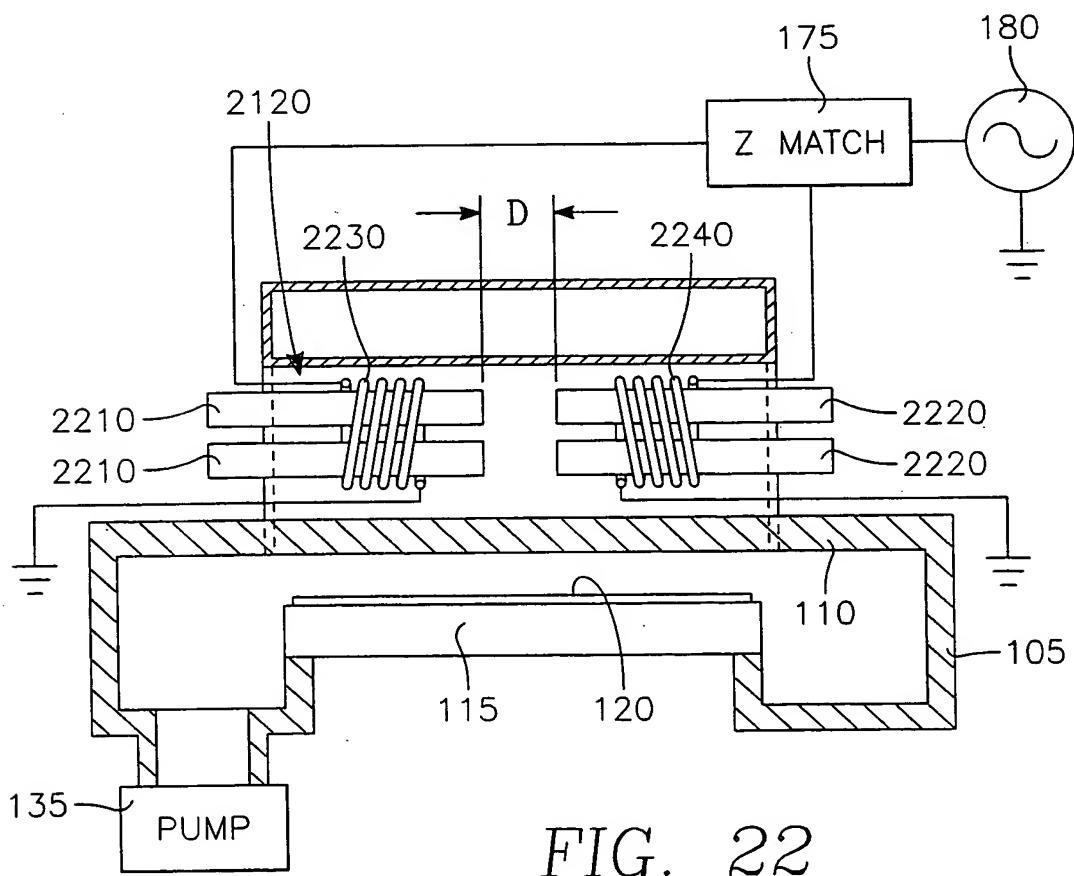


FIG. 22

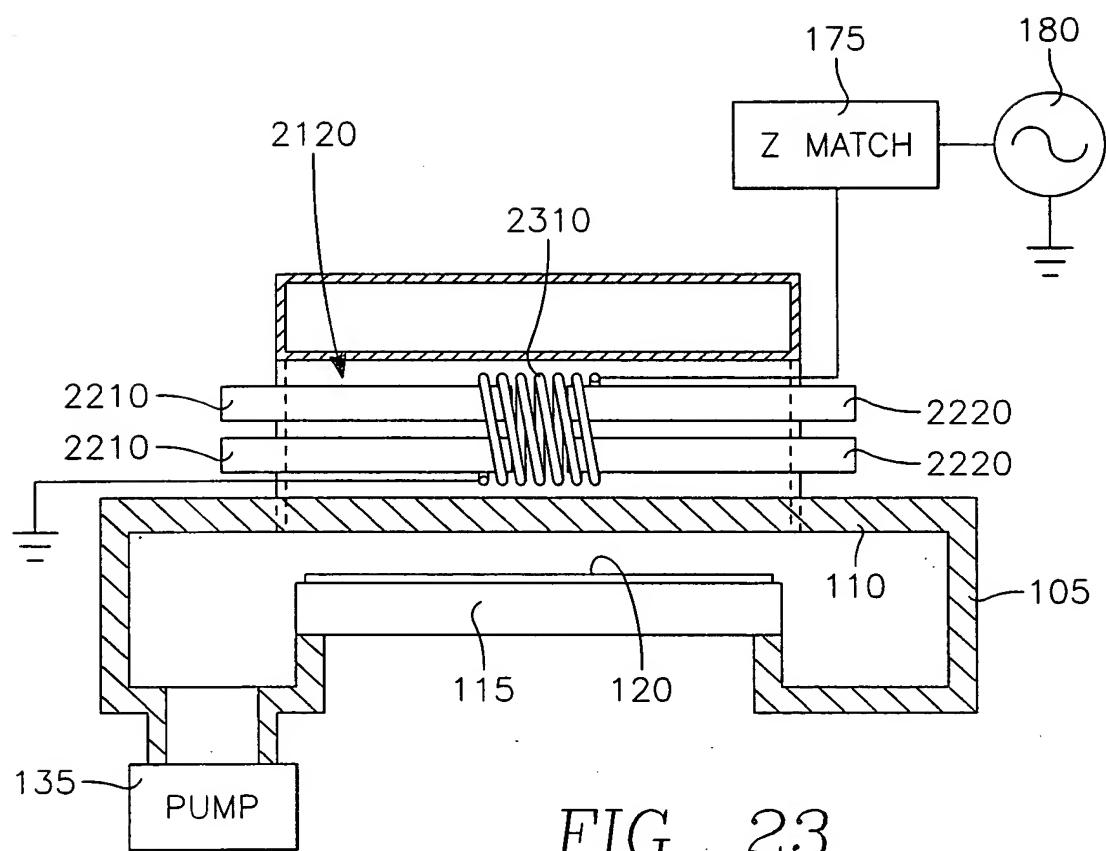


FIG. 23

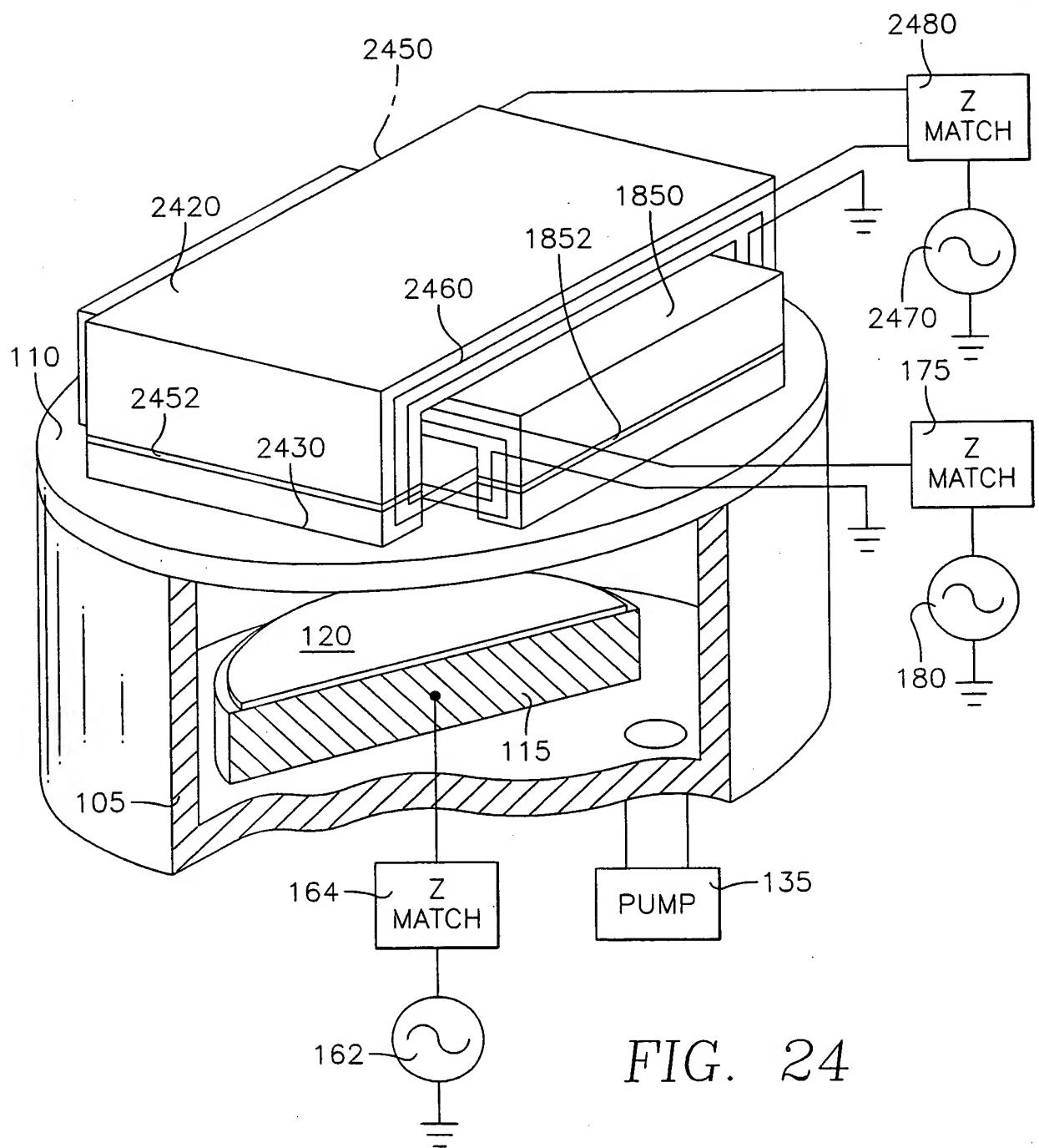
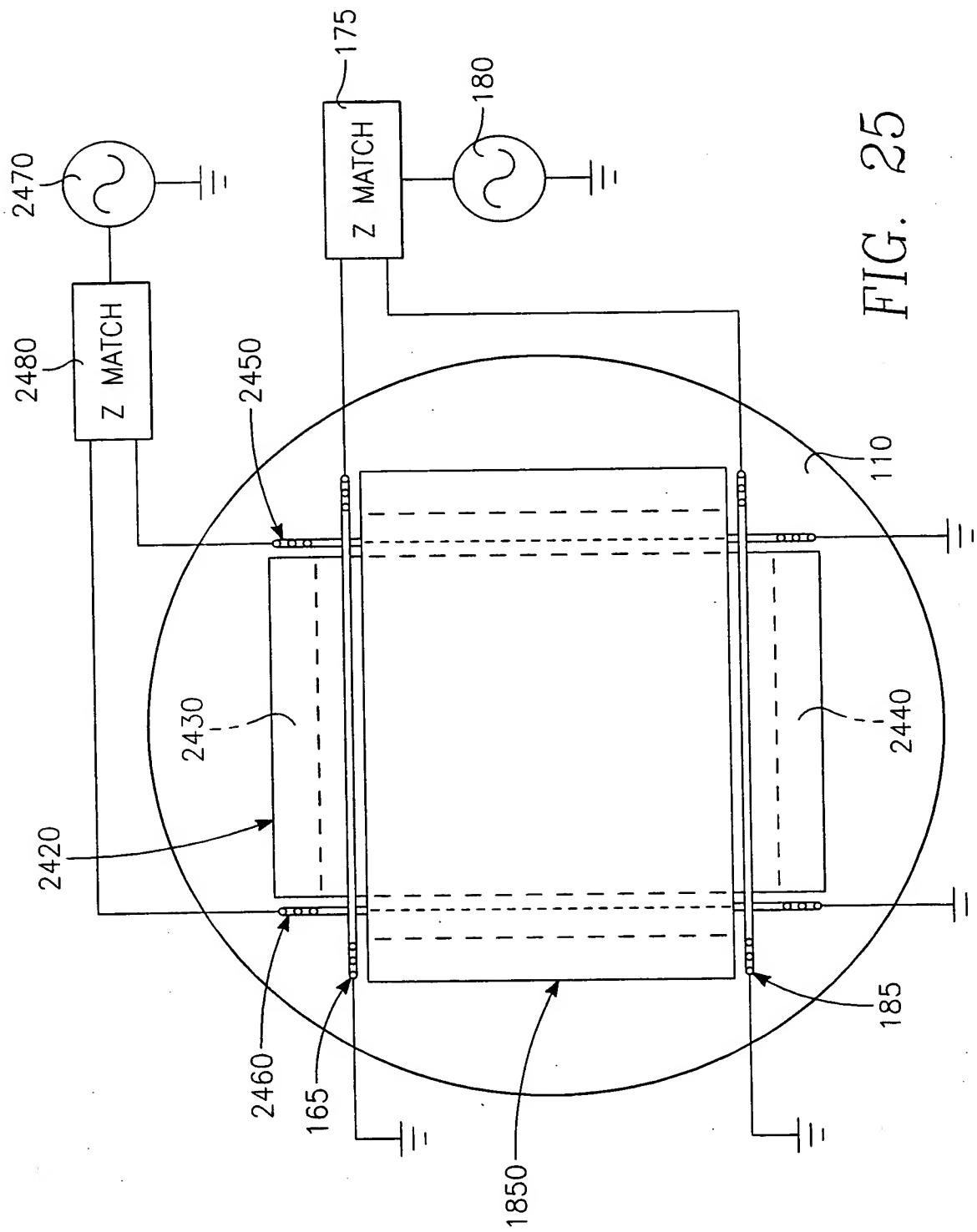


FIG. 24



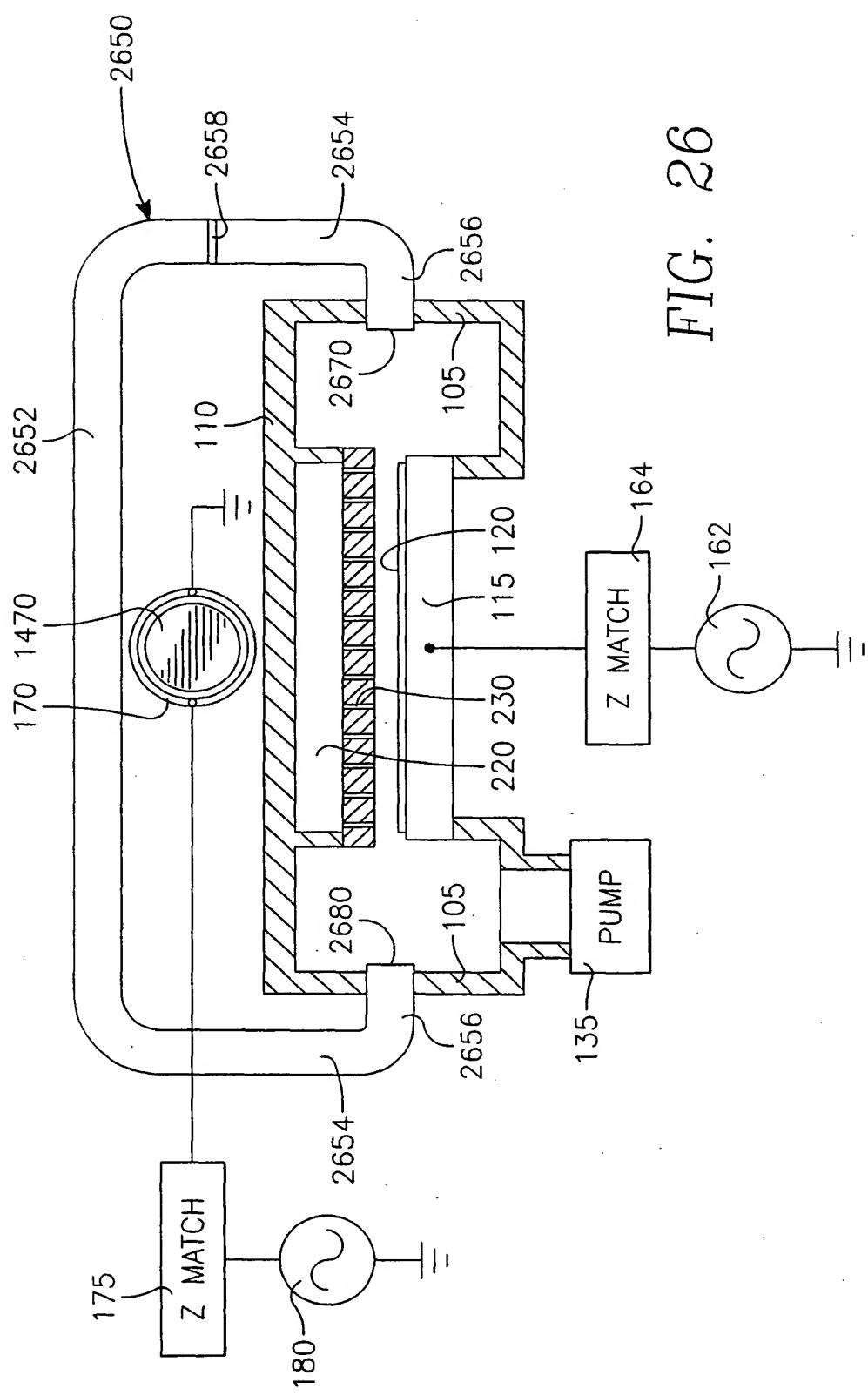


FIG. 26

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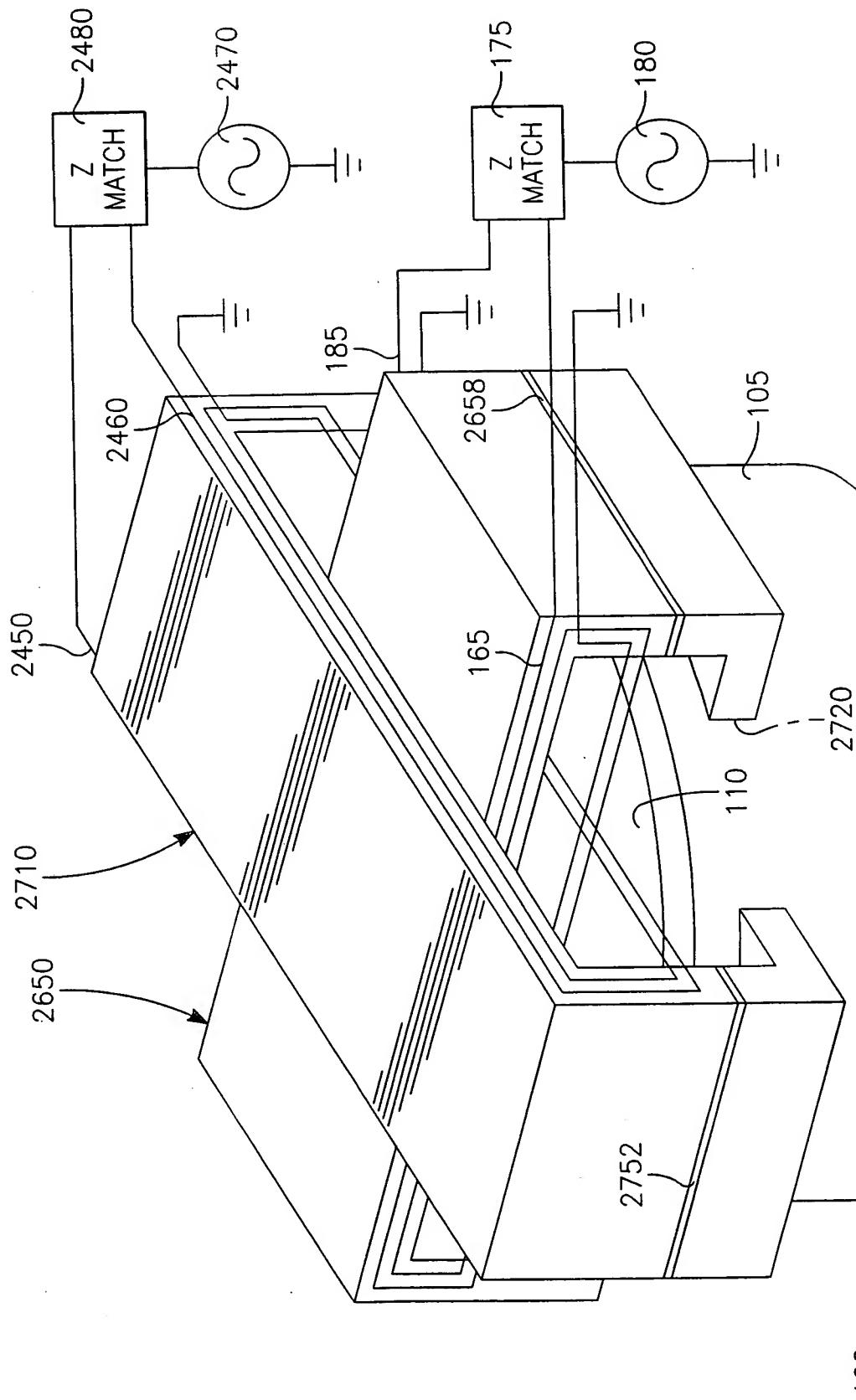


FIG. 27

FIG. 28A

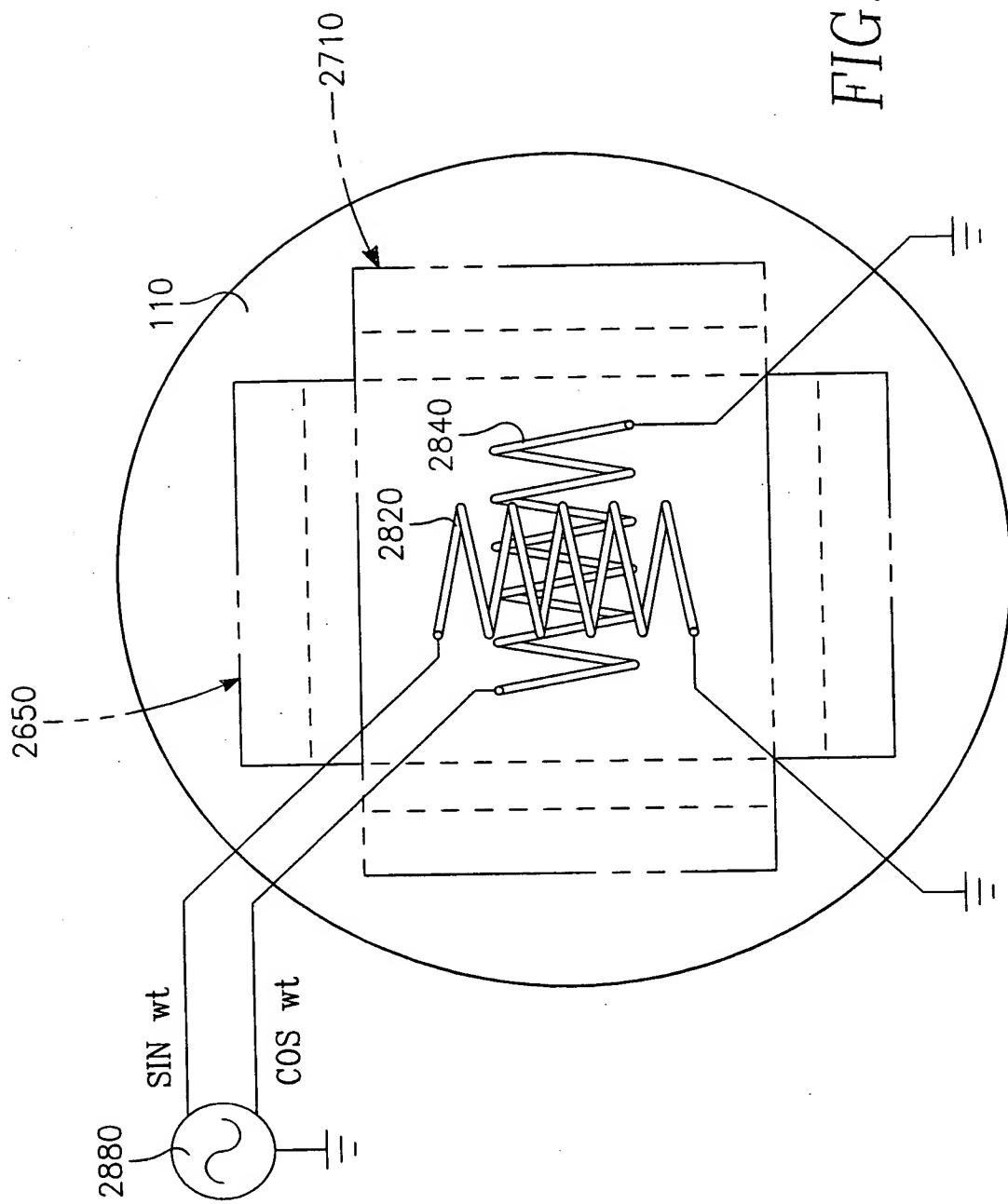


FIG. 28B

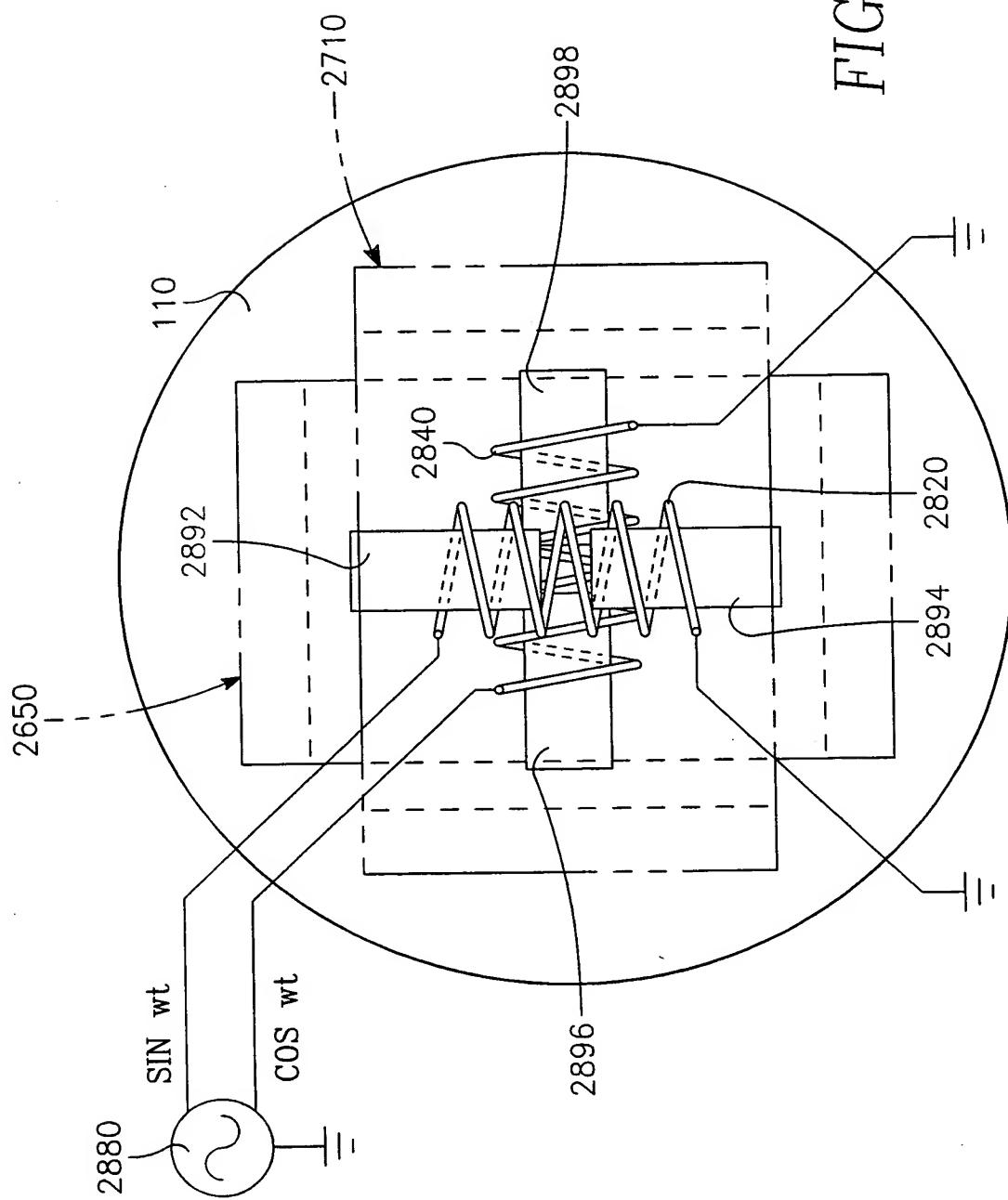
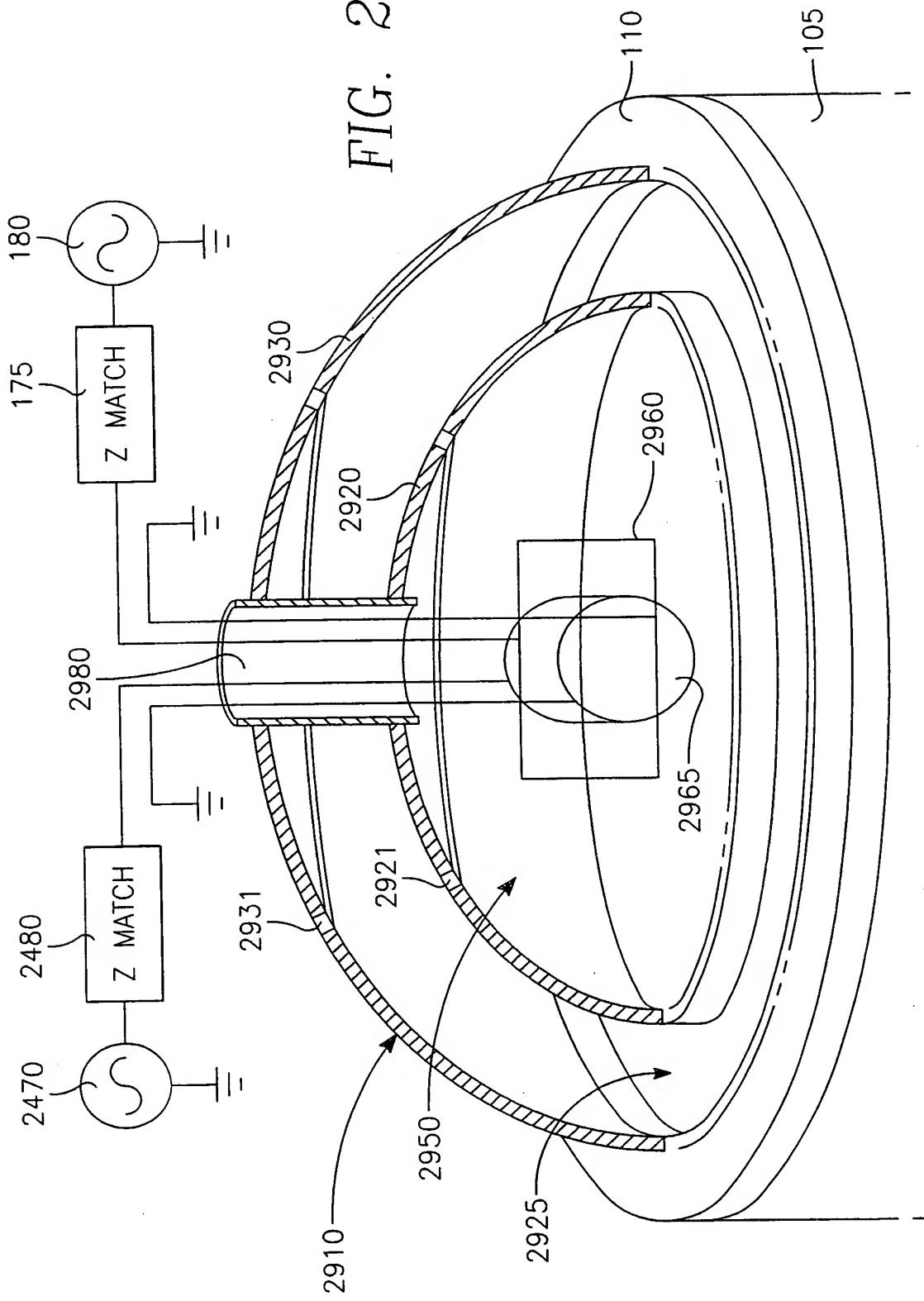


FIG. 29



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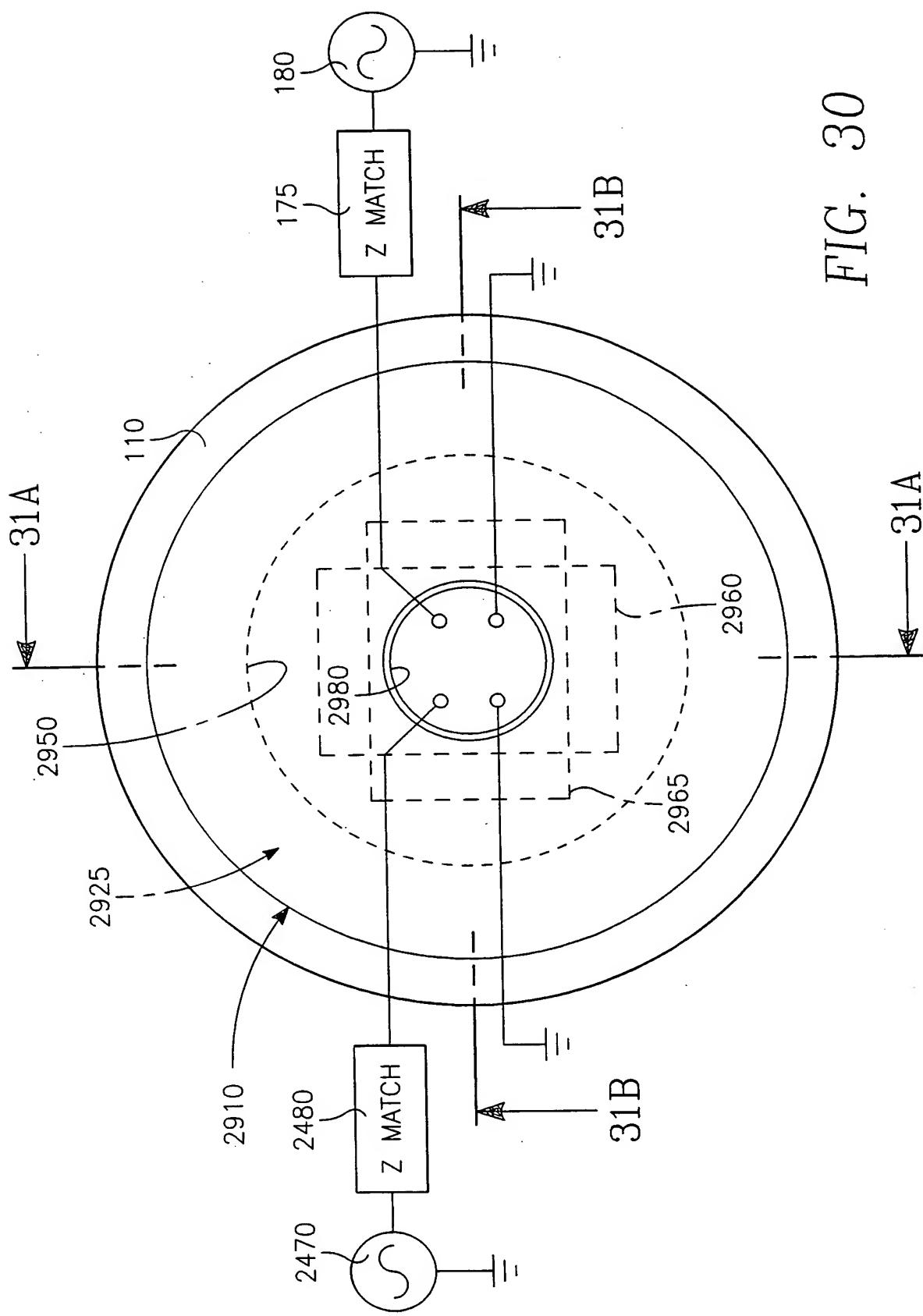


FIG. 30

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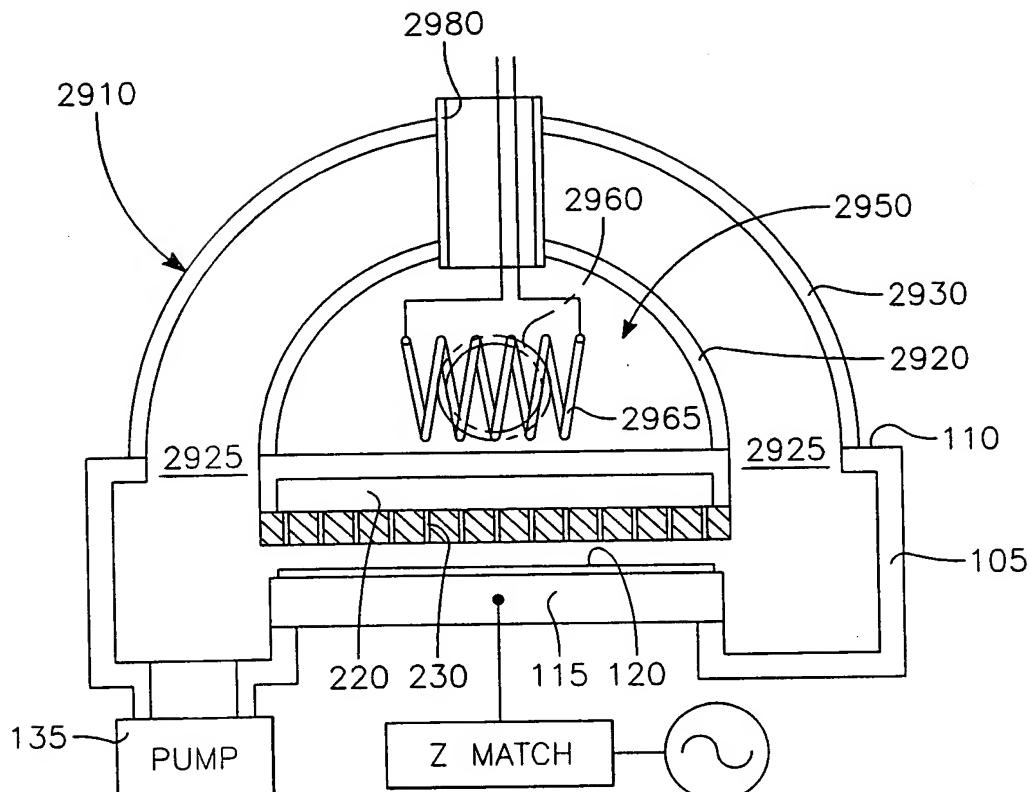


FIG. 31A

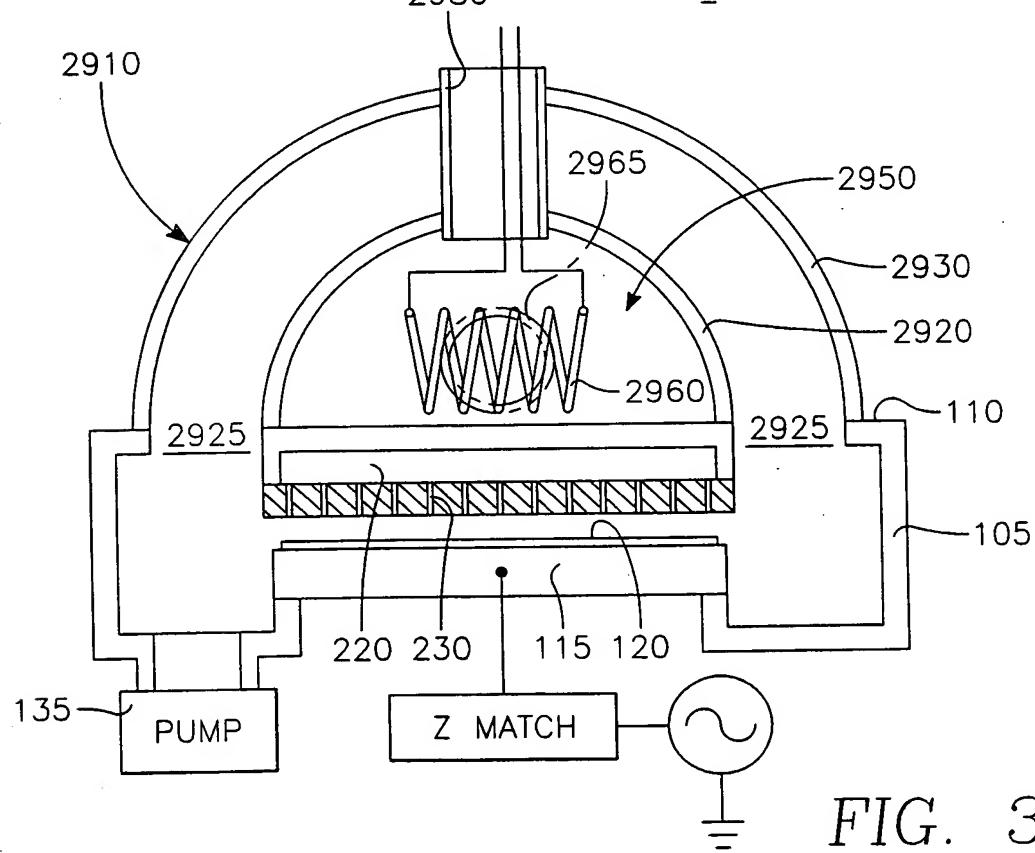


FIG. 31B

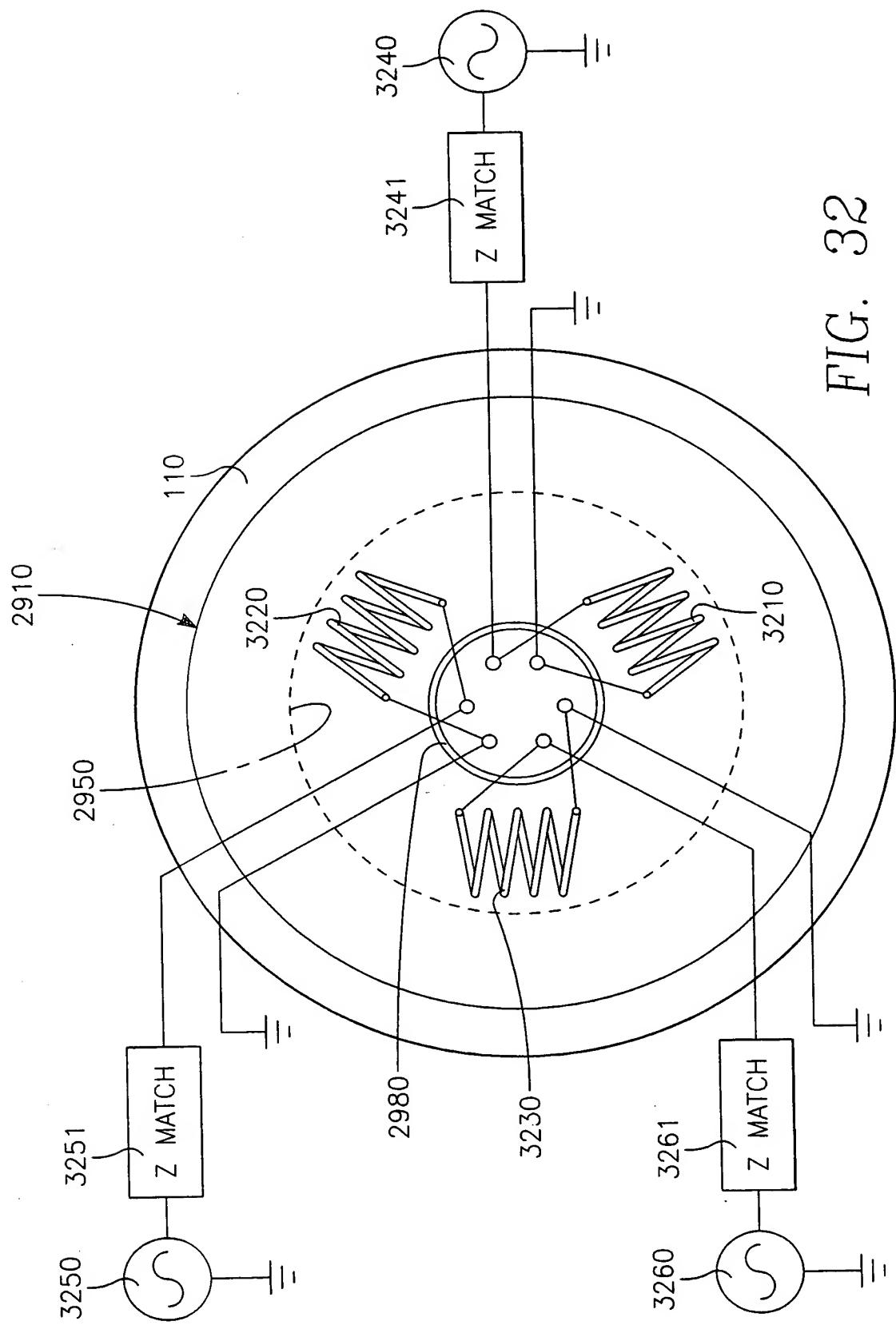


FIG. 32

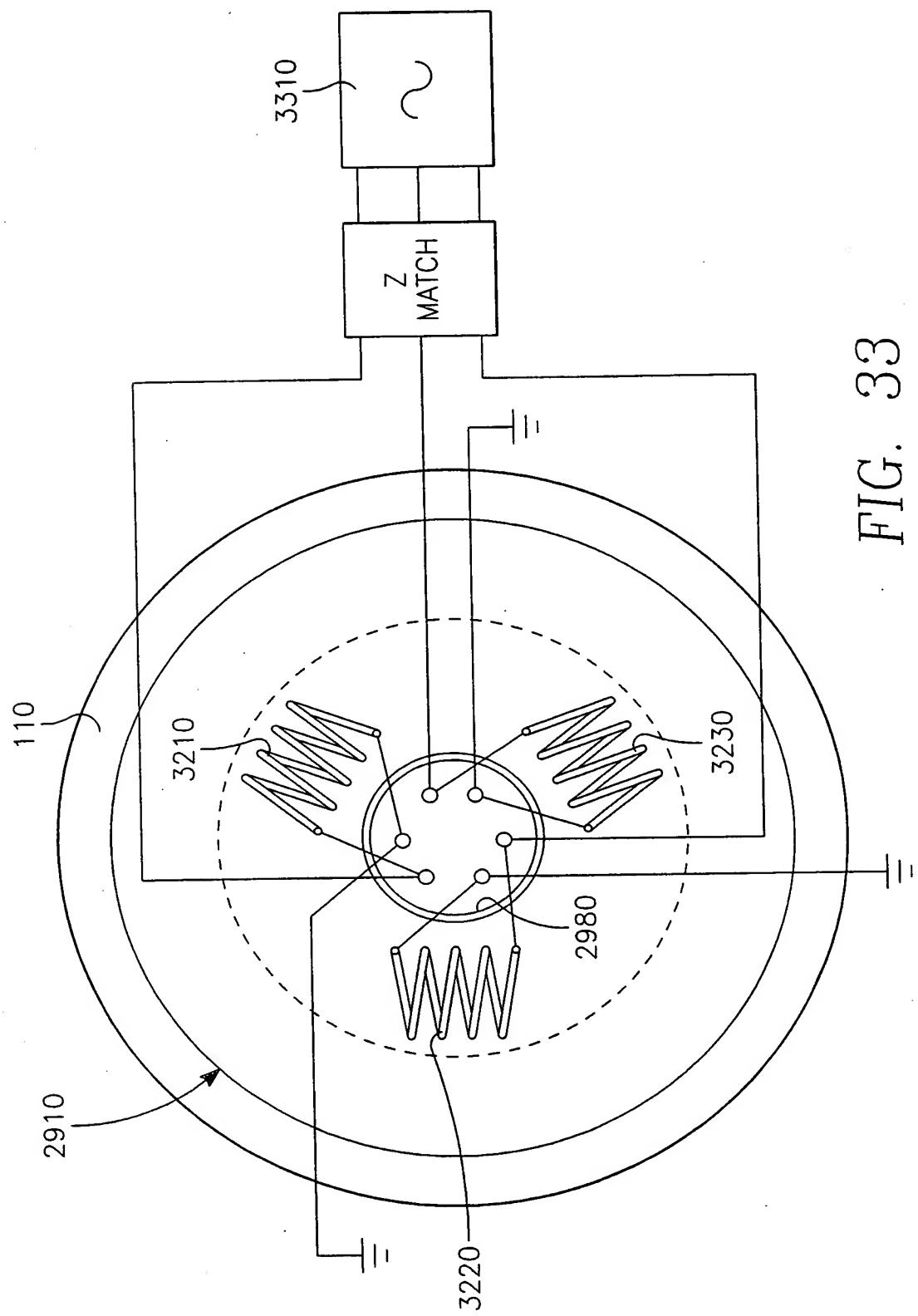
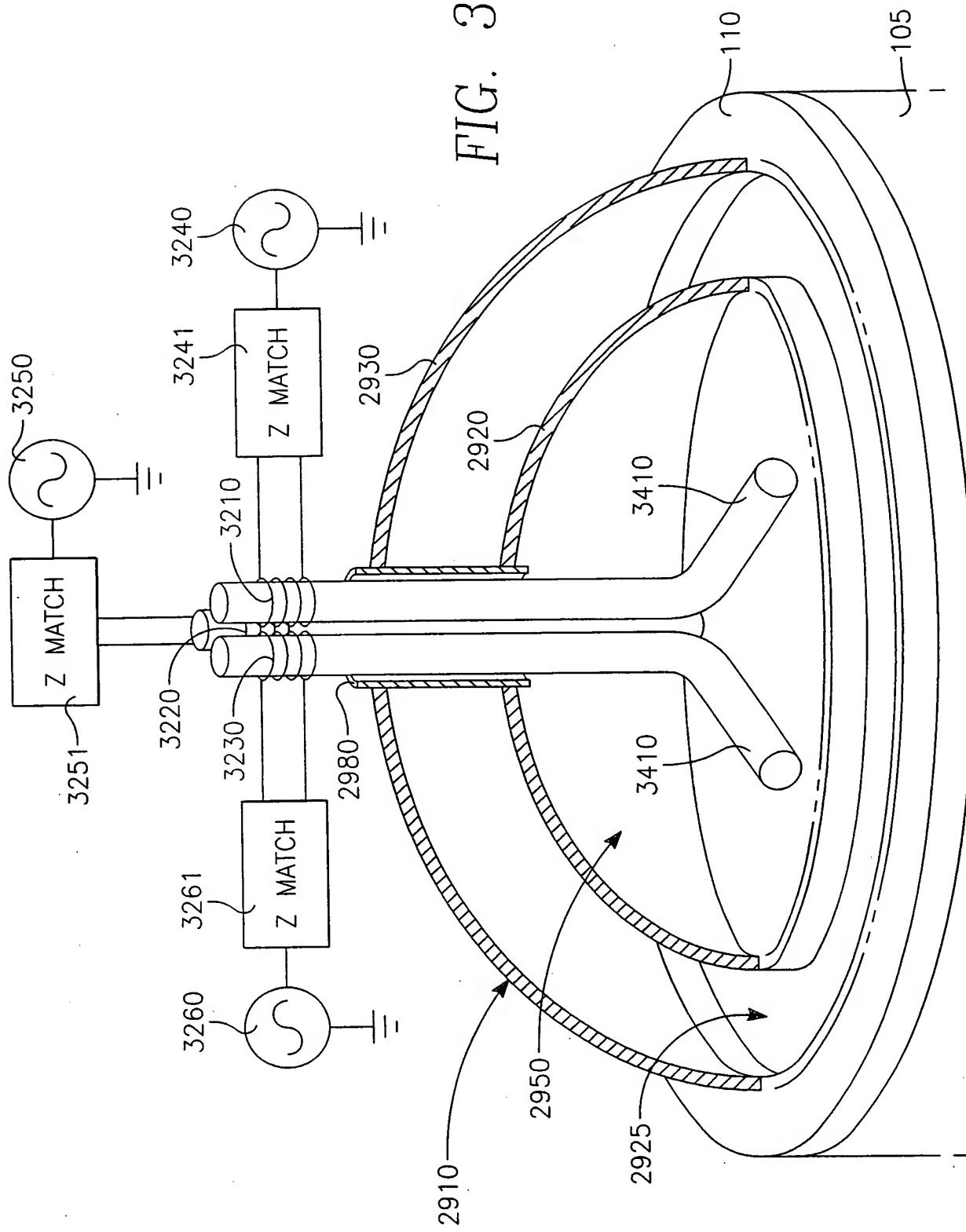
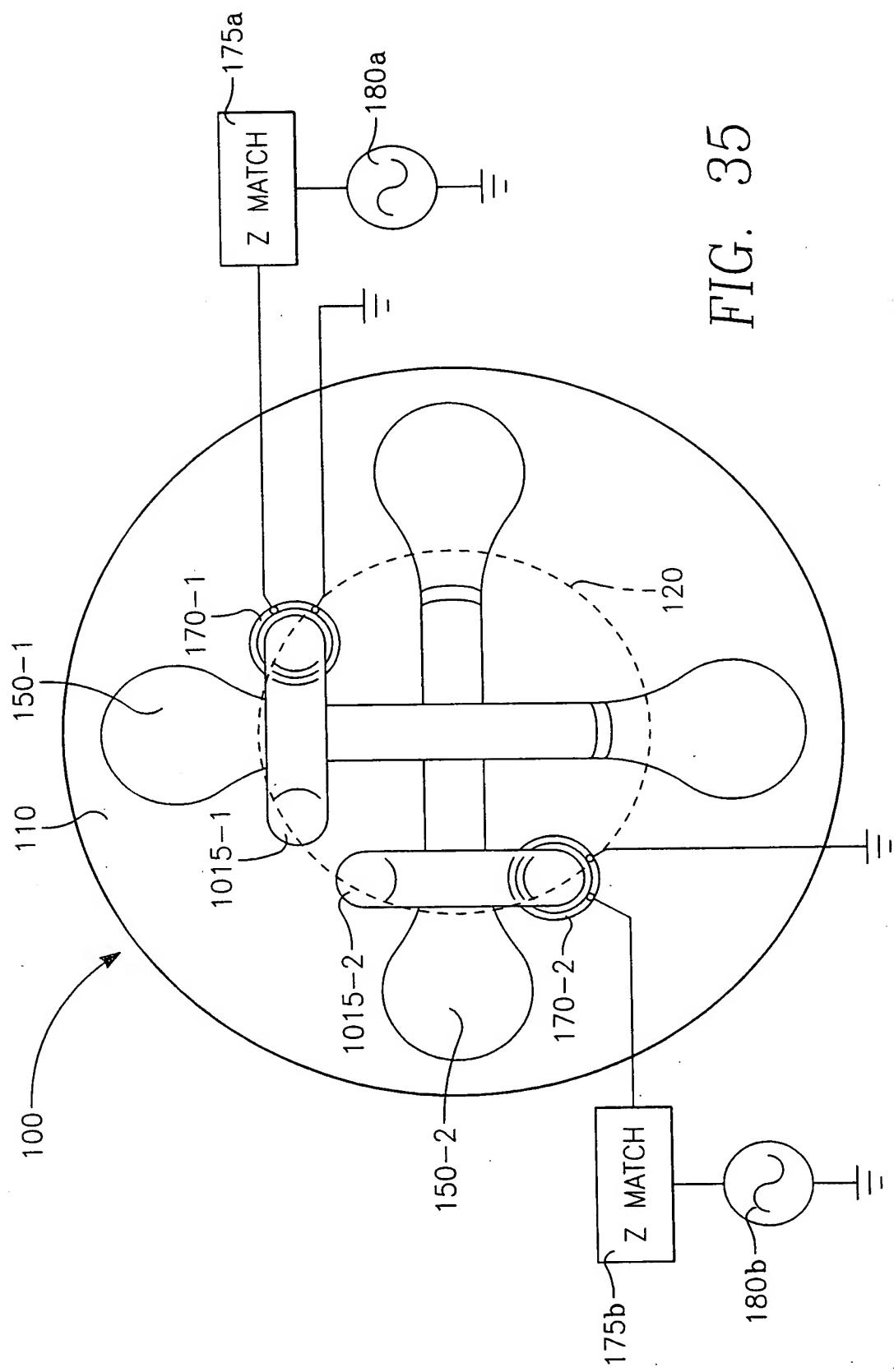


FIG. 33

FIG. 34





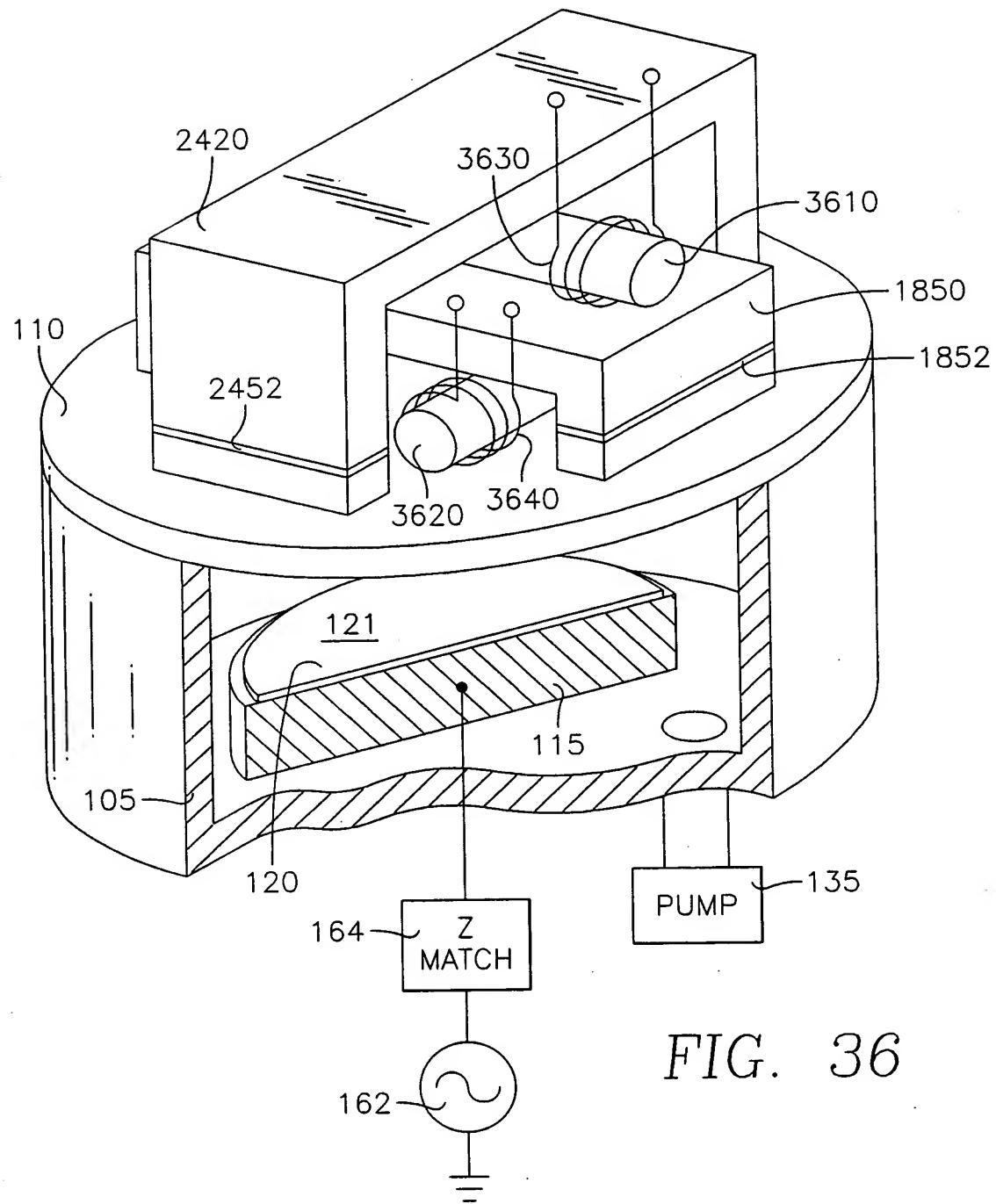


FIG. 36

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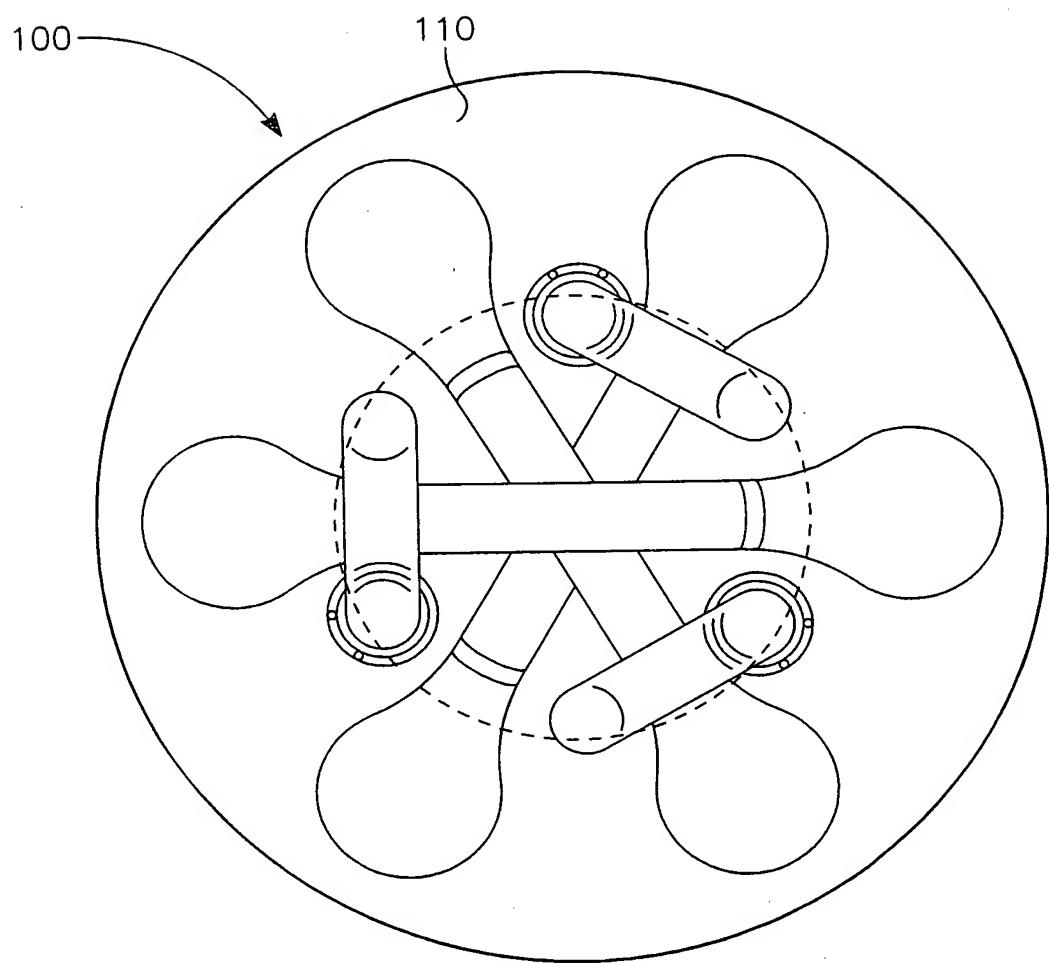


FIG. 37

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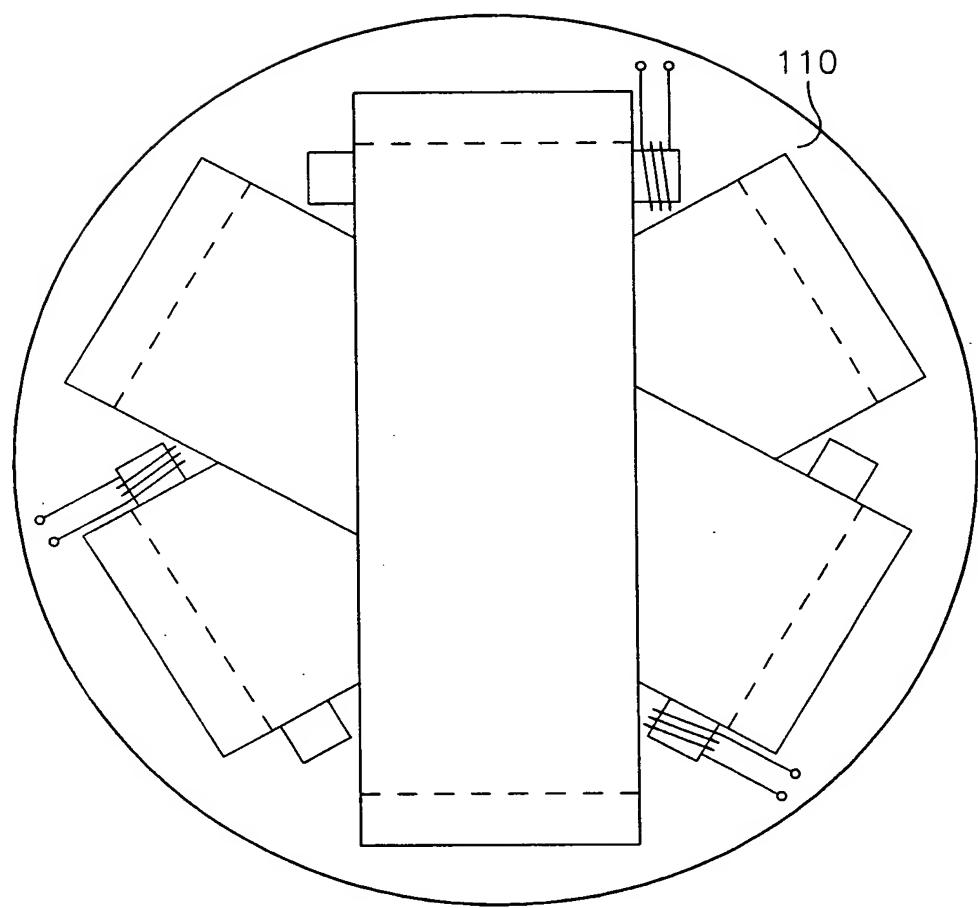


FIG. 38

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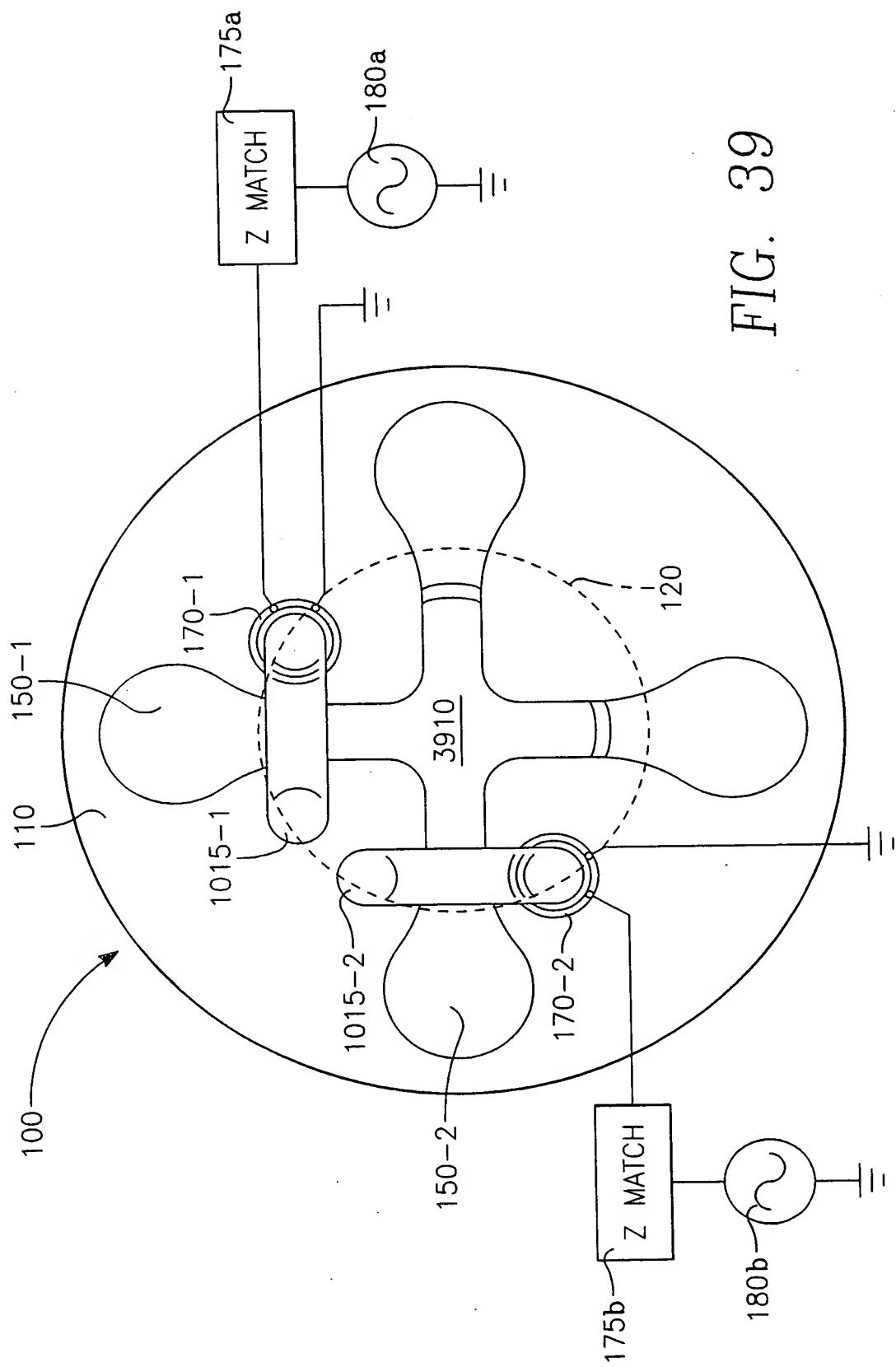


FIG. 39

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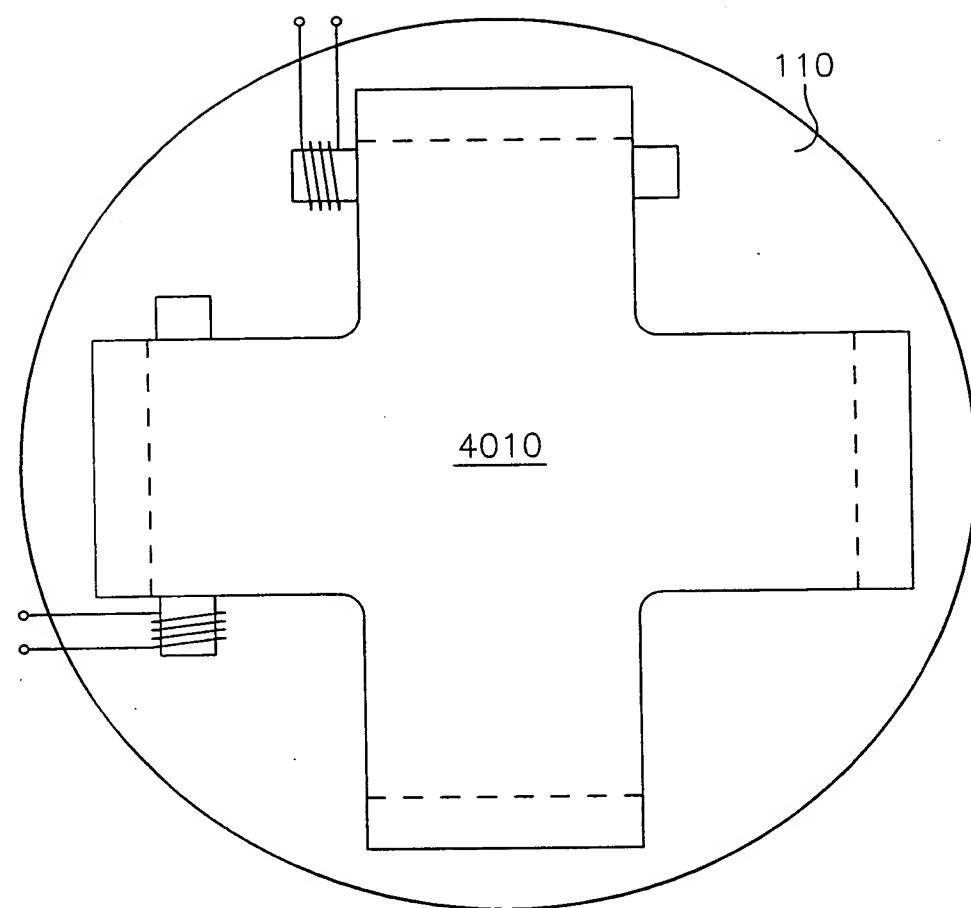


FIG. 40

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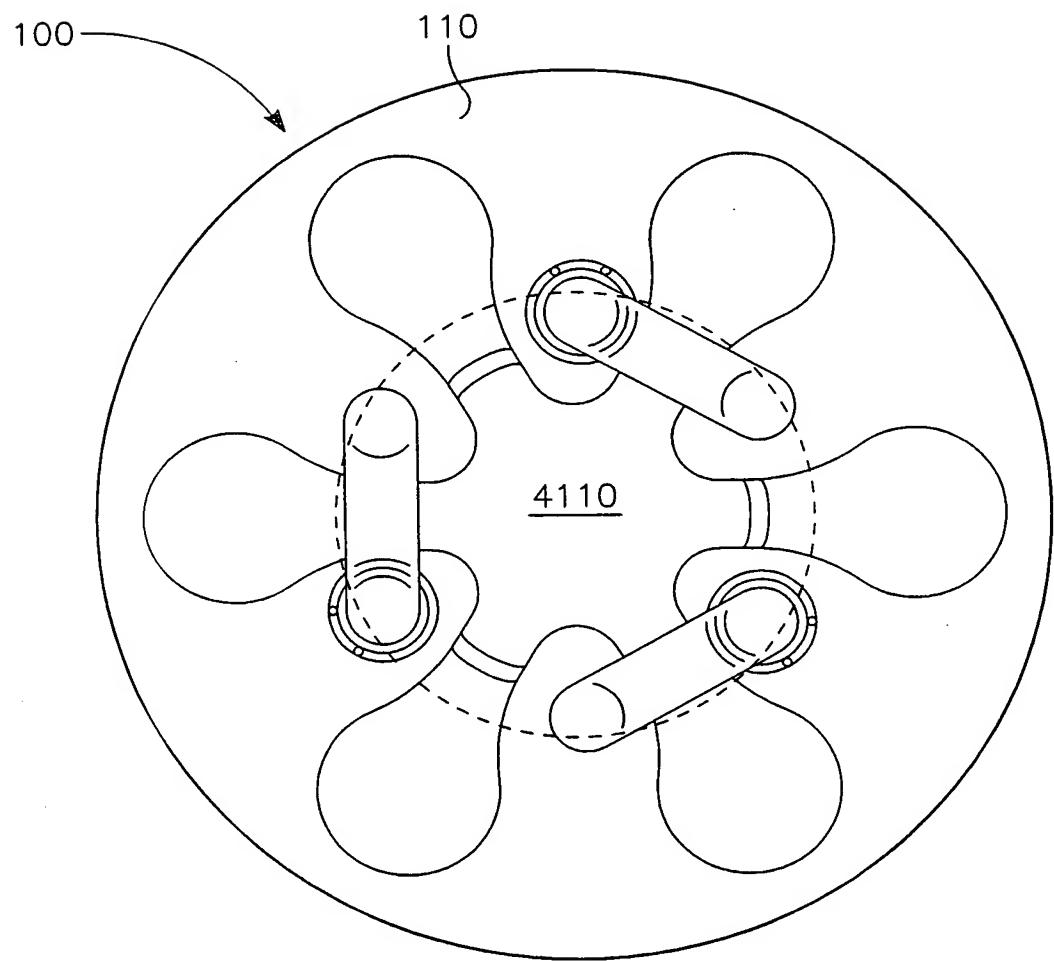


FIG. 41

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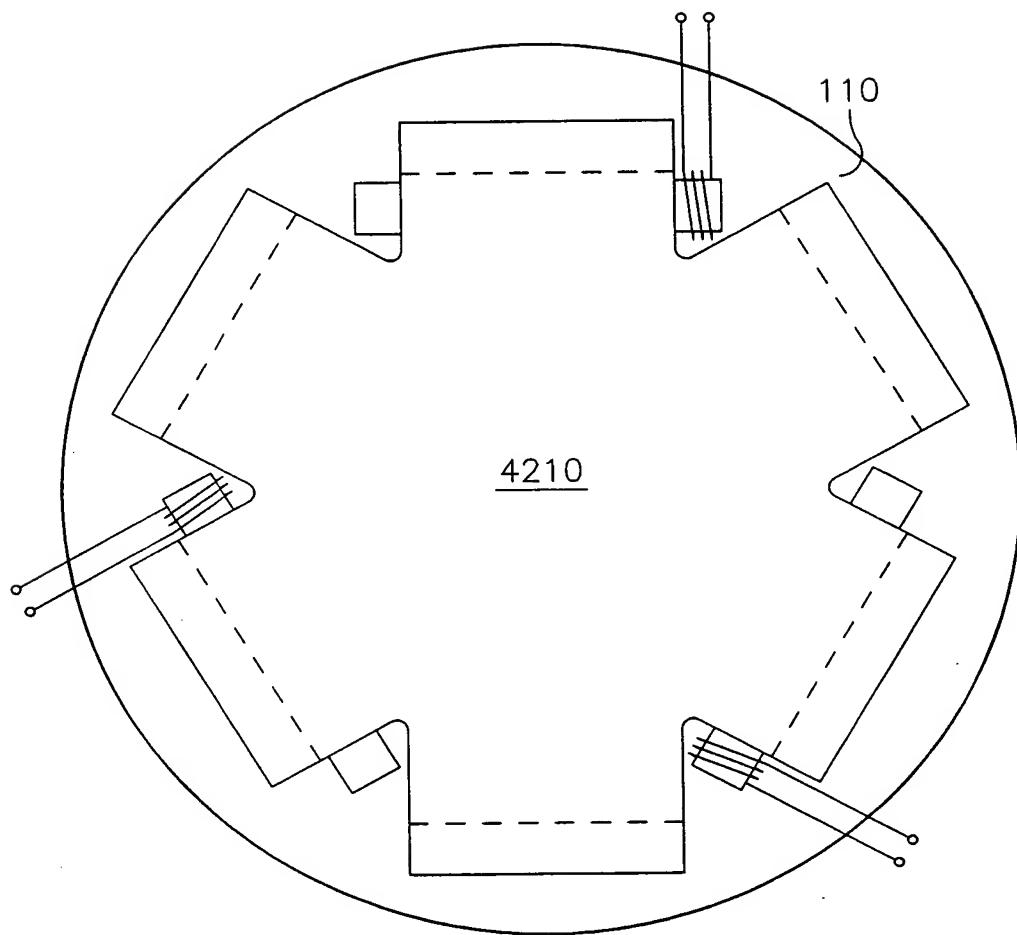


FIG. 42

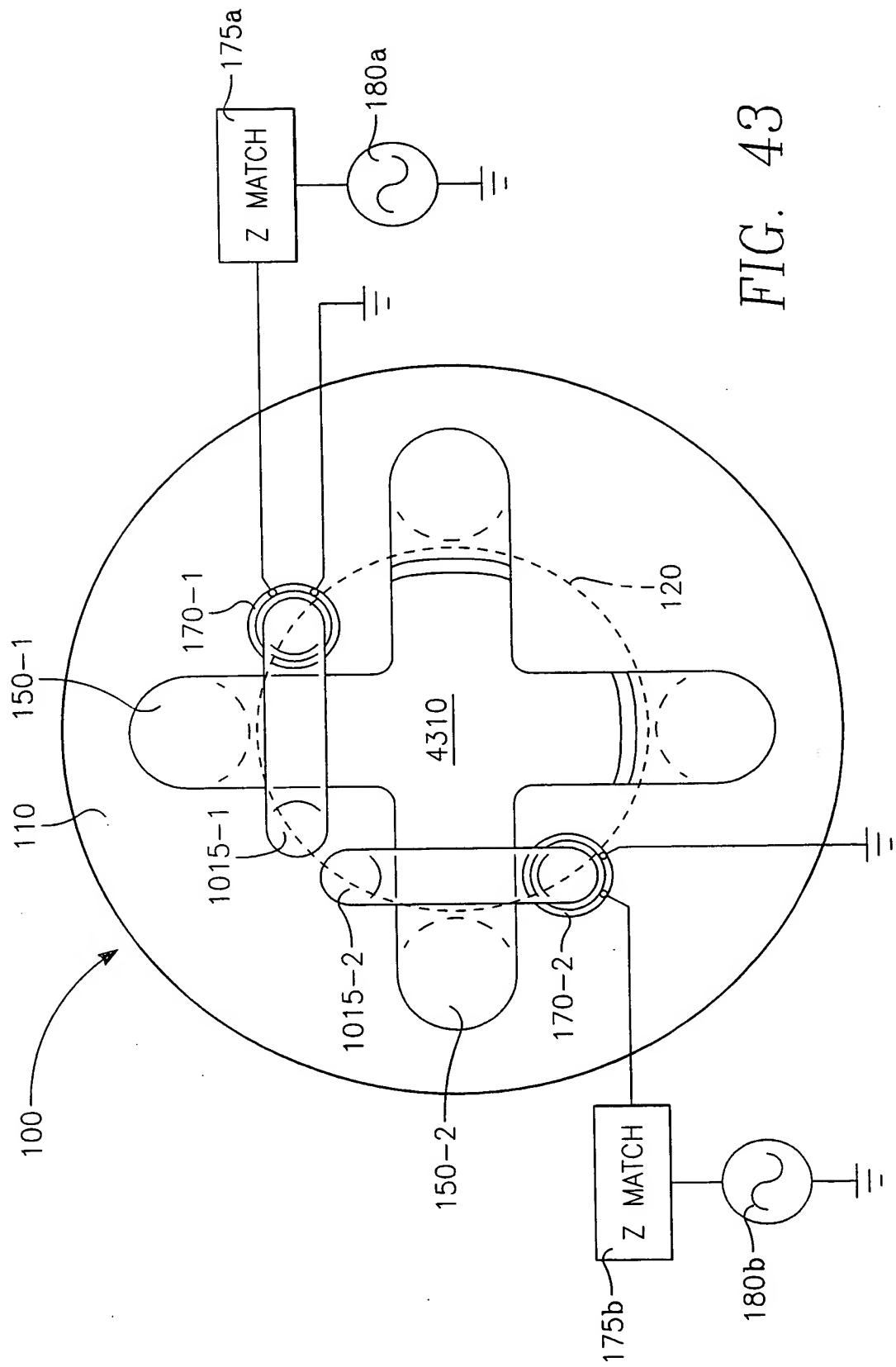


FIG. 43

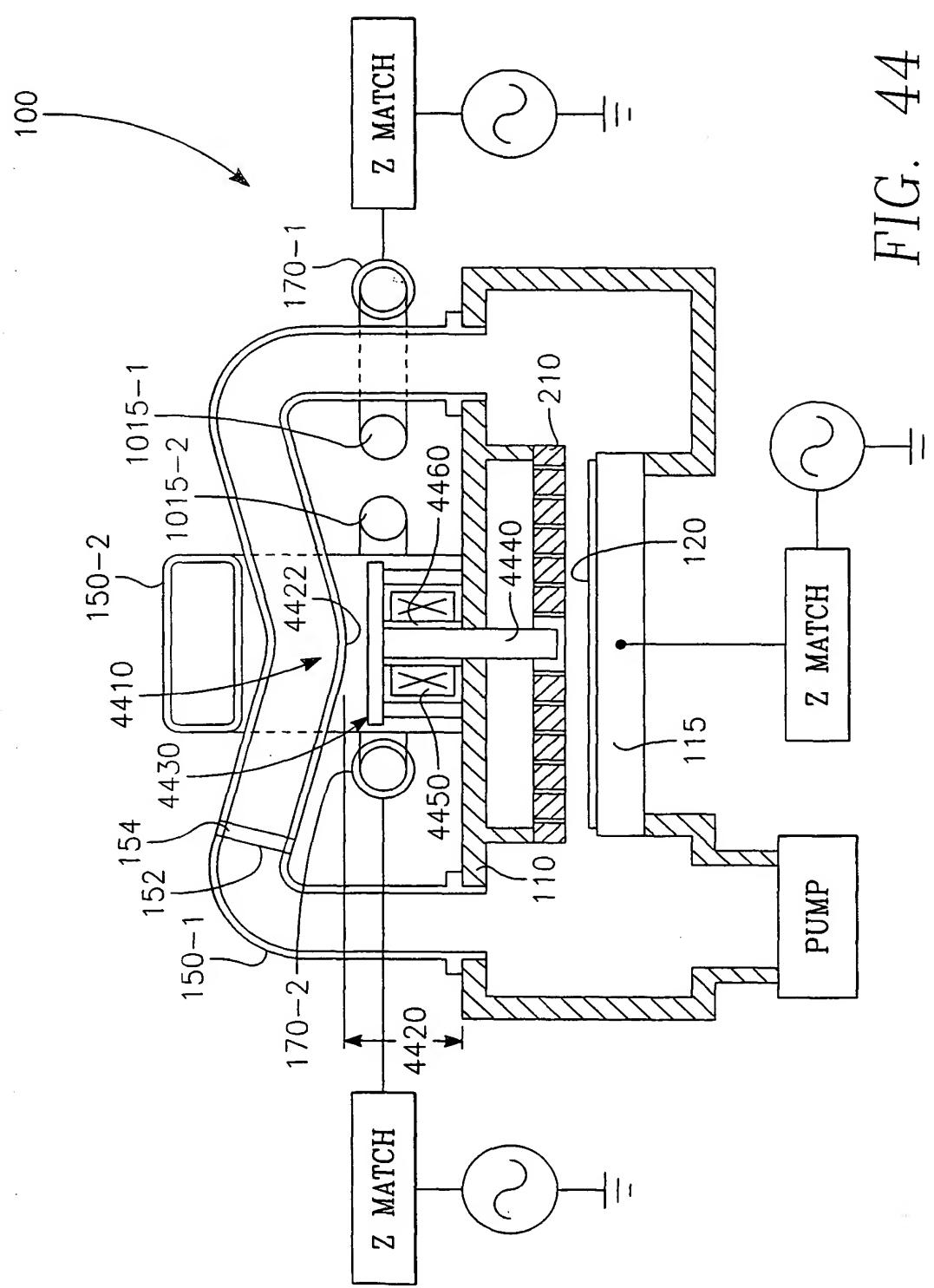


FIG. 44

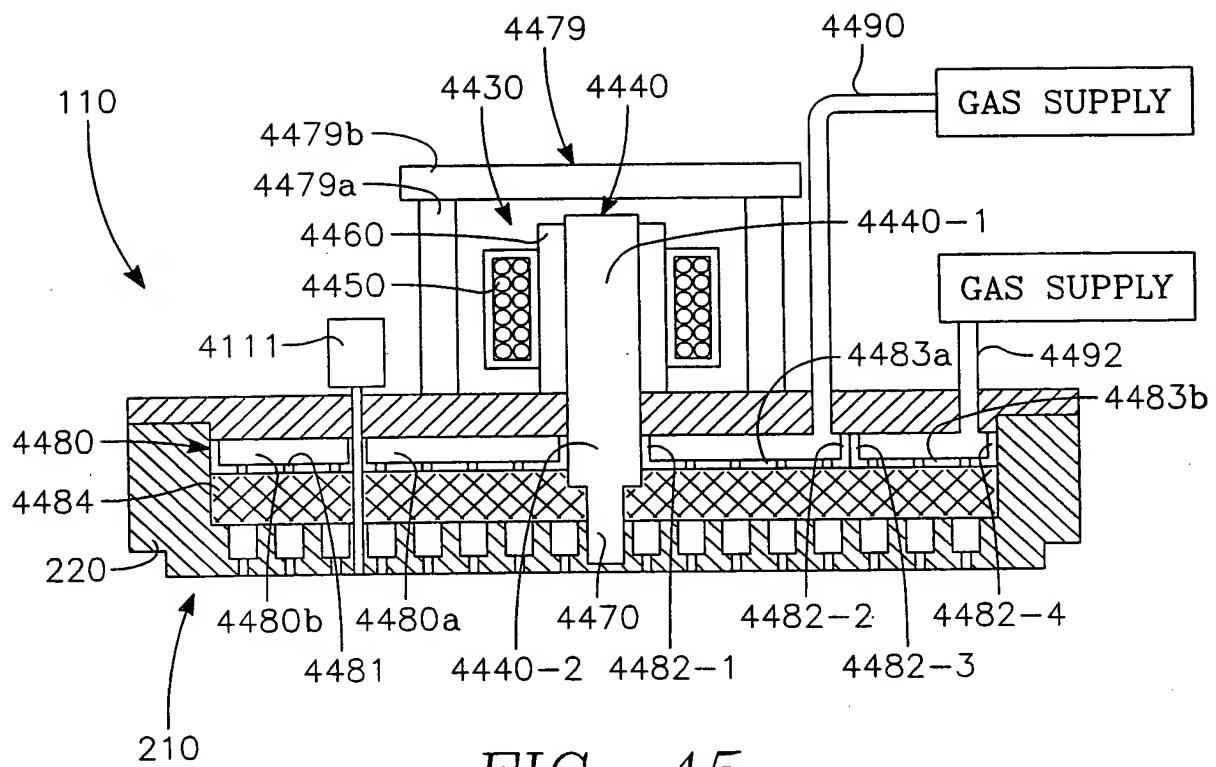


FIG. 45

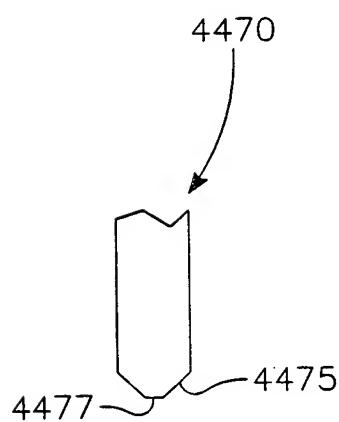


FIG. 46

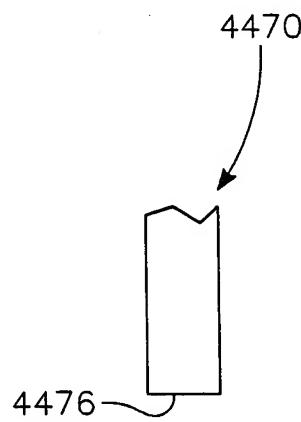


FIG. 47

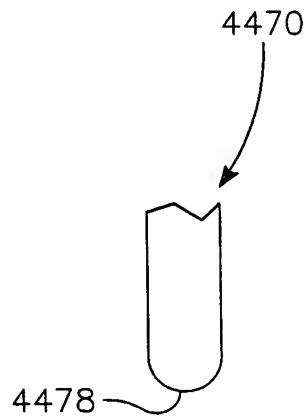


FIG. 48

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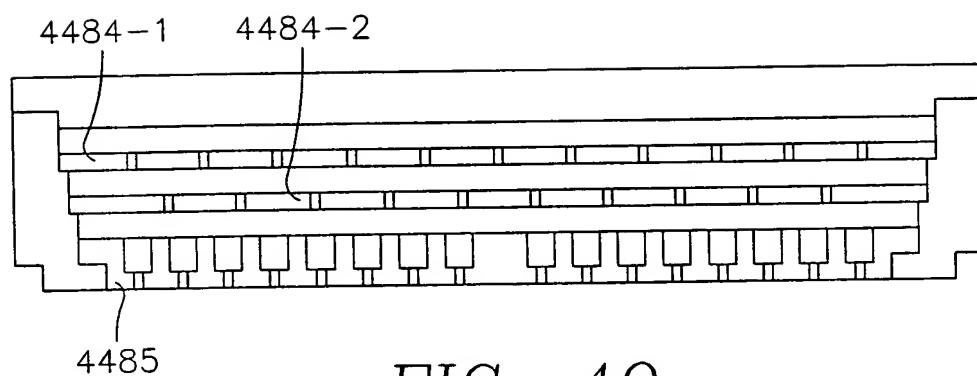


FIG. 49

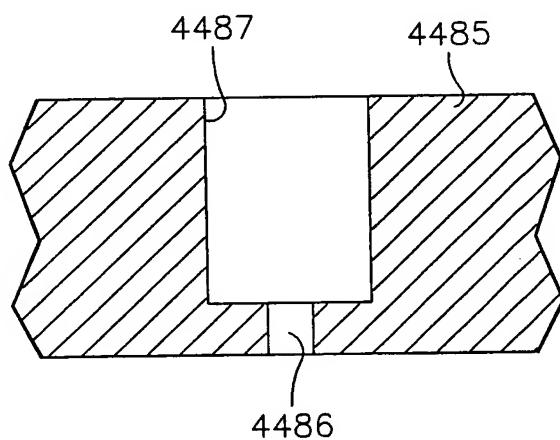


FIG. 50

Normalized B_x and B_z in the y=0 plane WAFER PLANE

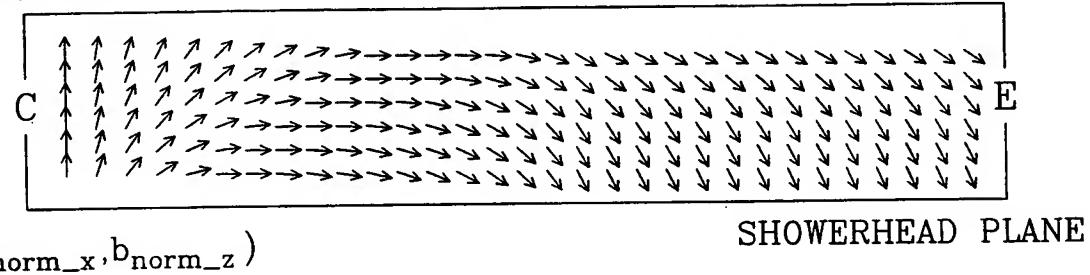


FIG. 51

- Br measured = 7 gauss at wafer plane, 1 in. off-center (peak)

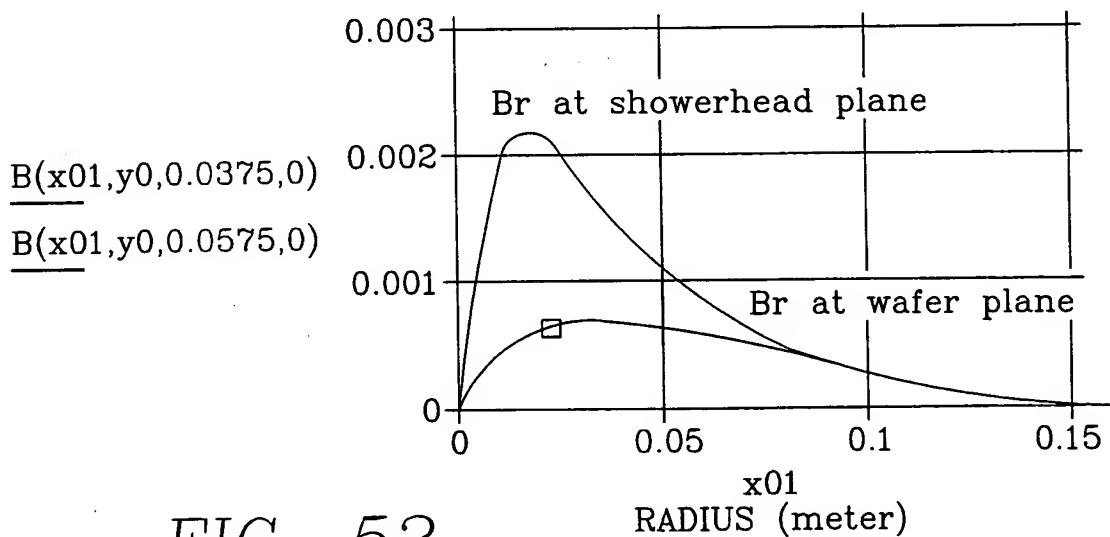


FIG. 52

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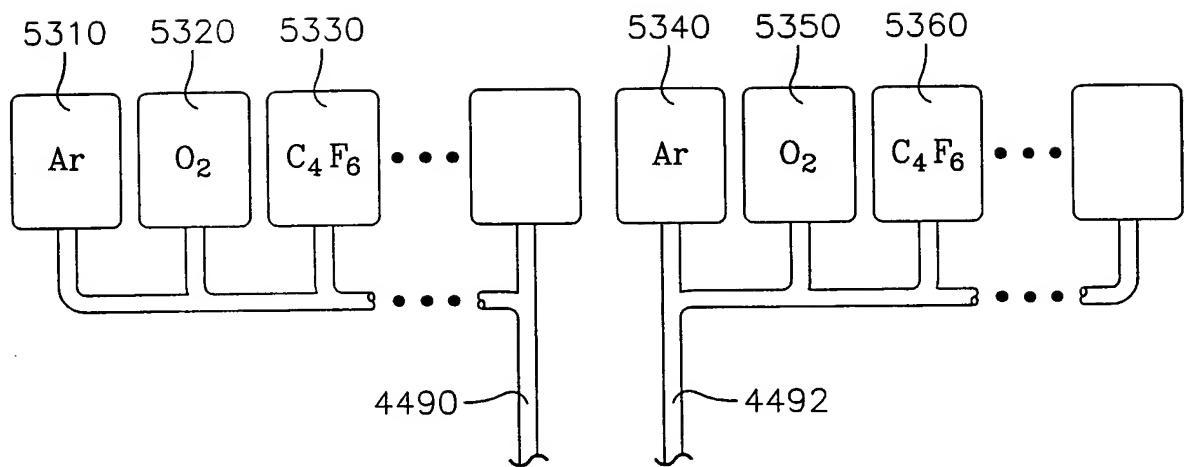


FIG. 53

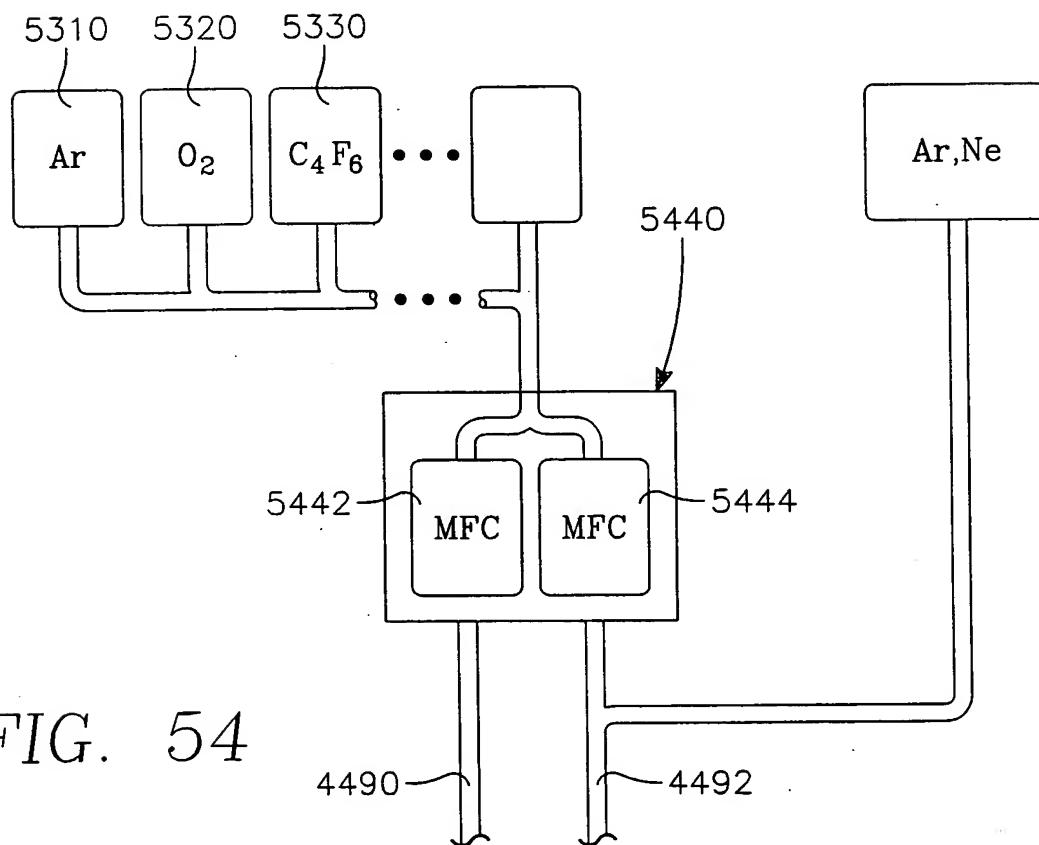


FIG. 54

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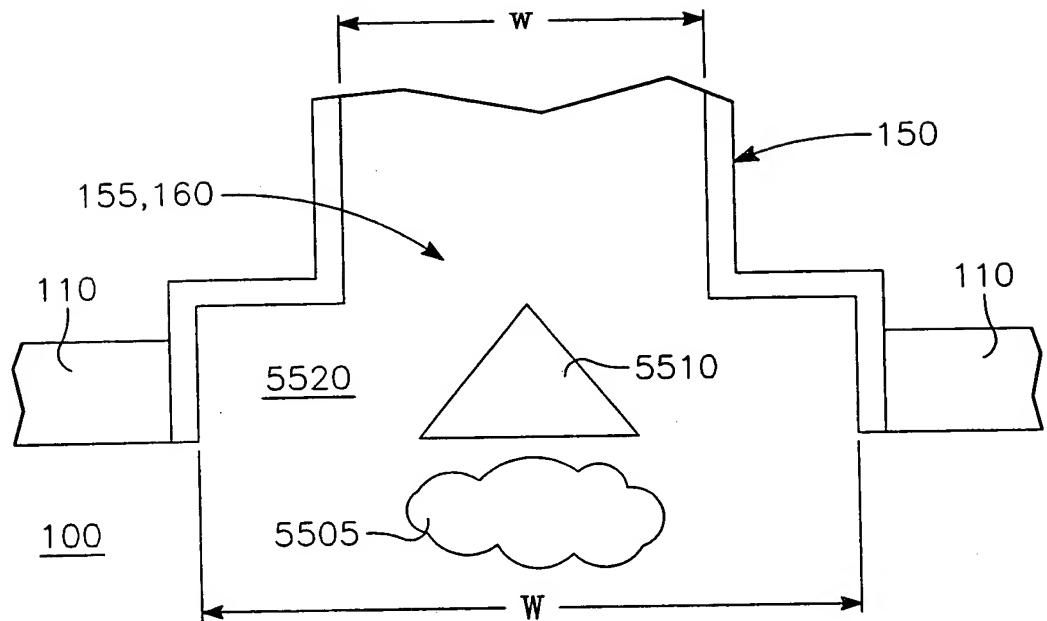


FIG. 55A

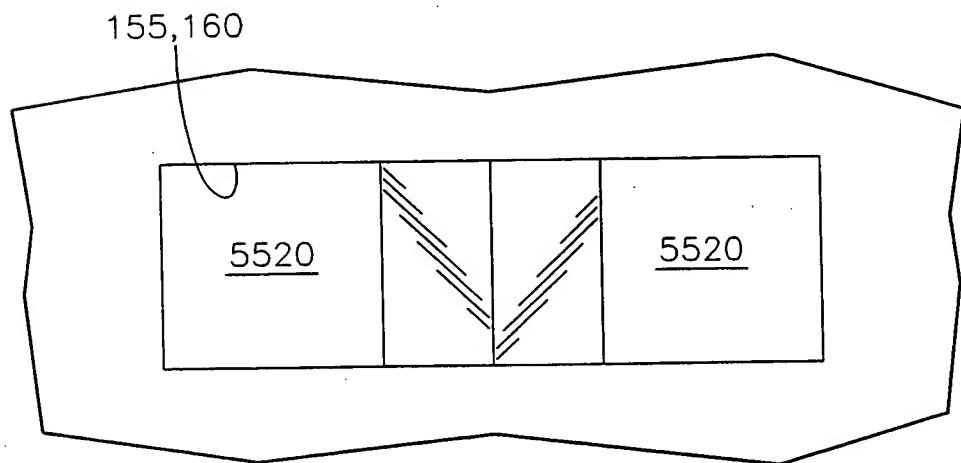


FIG. 55B

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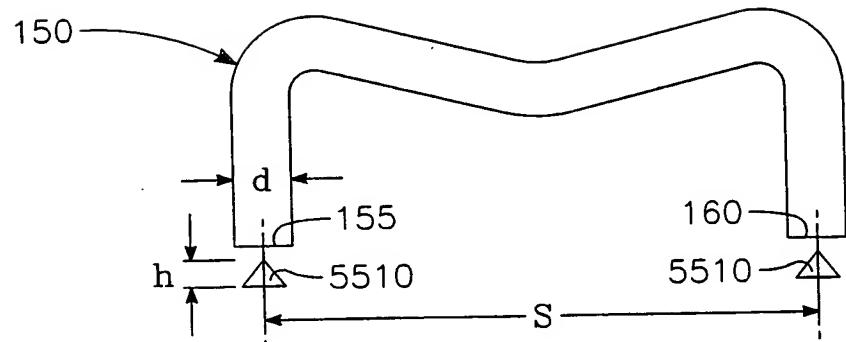


FIG. 56A

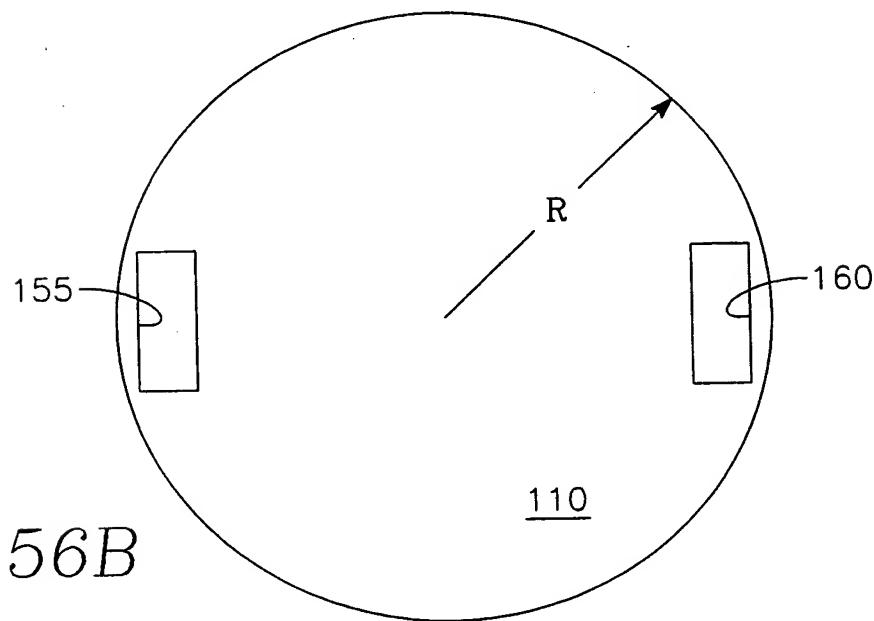


FIG. 56B

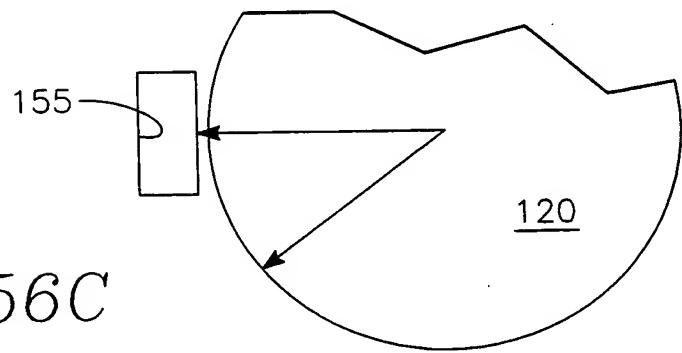


FIG. 56C

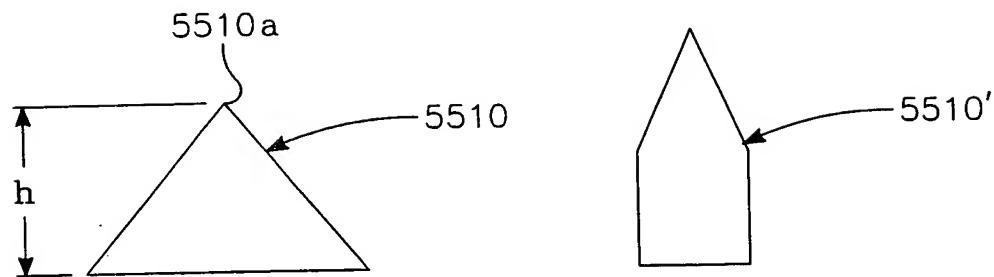


FIG. 57

FIG. 58

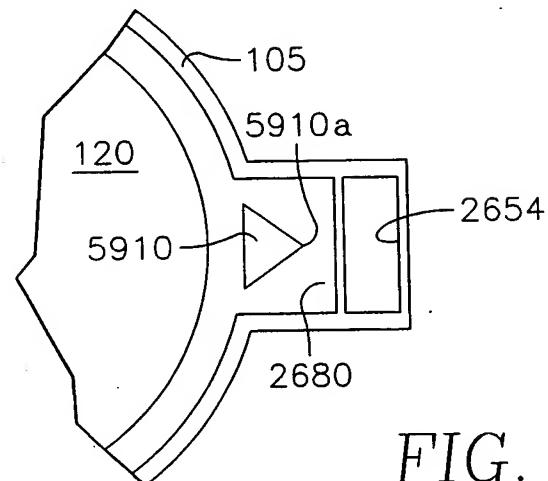


FIG. 59A

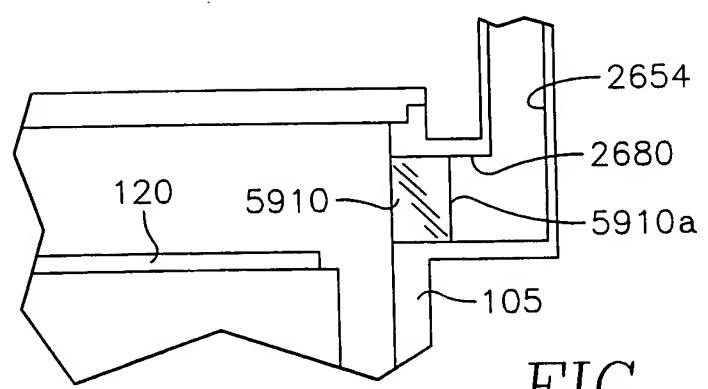


FIG. 59B

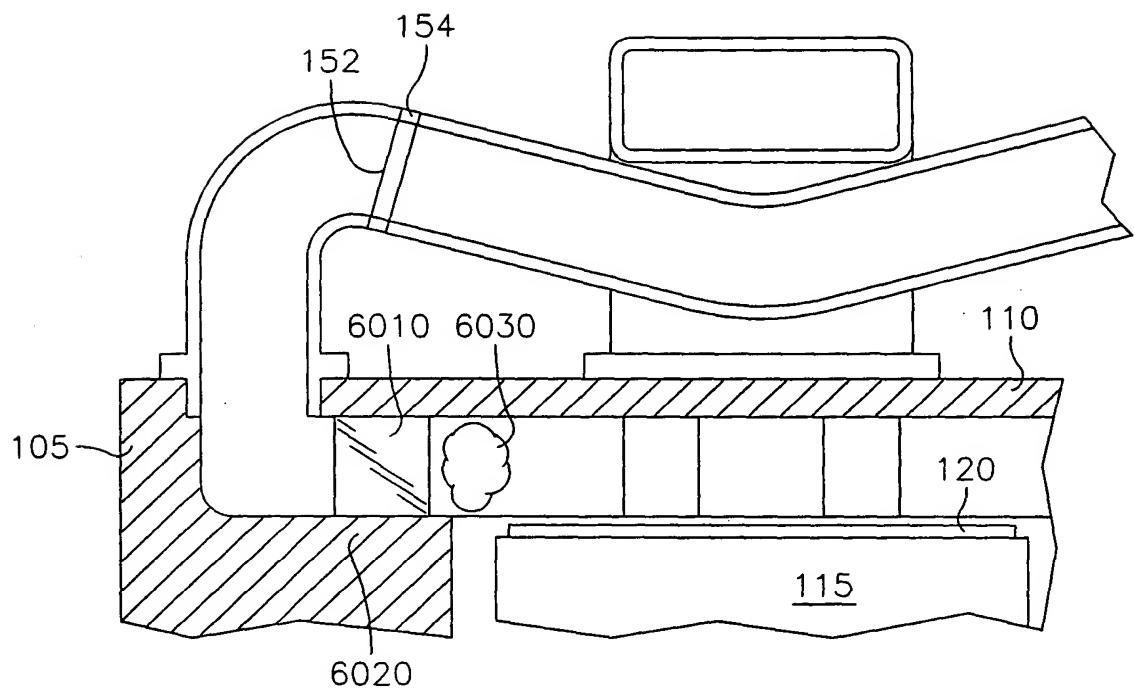


FIG. 60

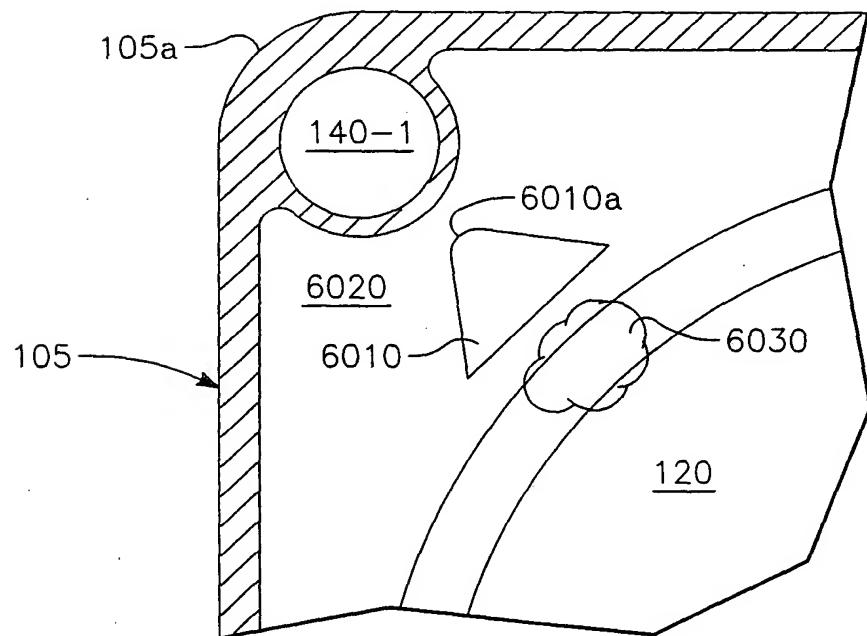


FIG. 61

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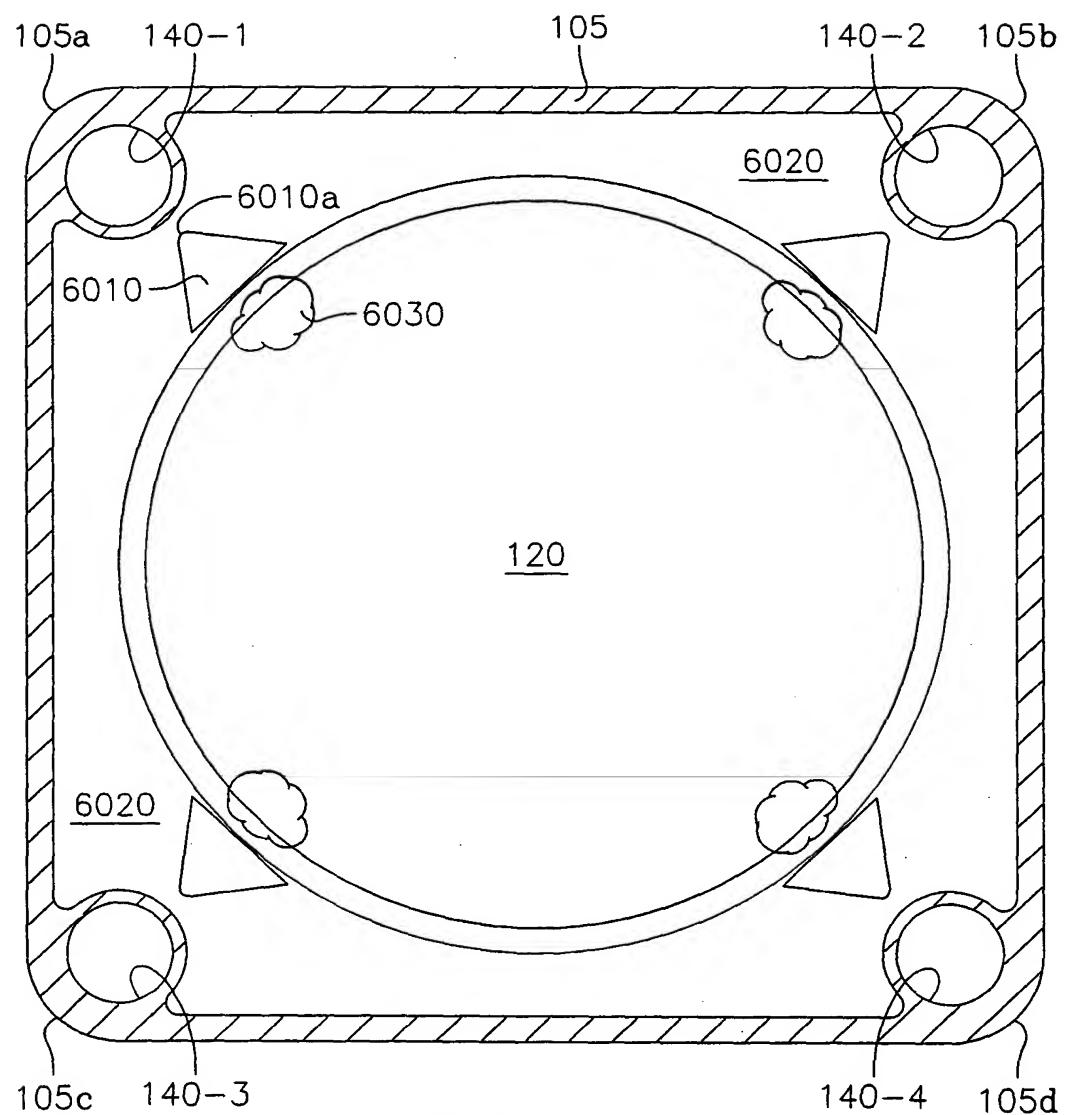


FIG. 62

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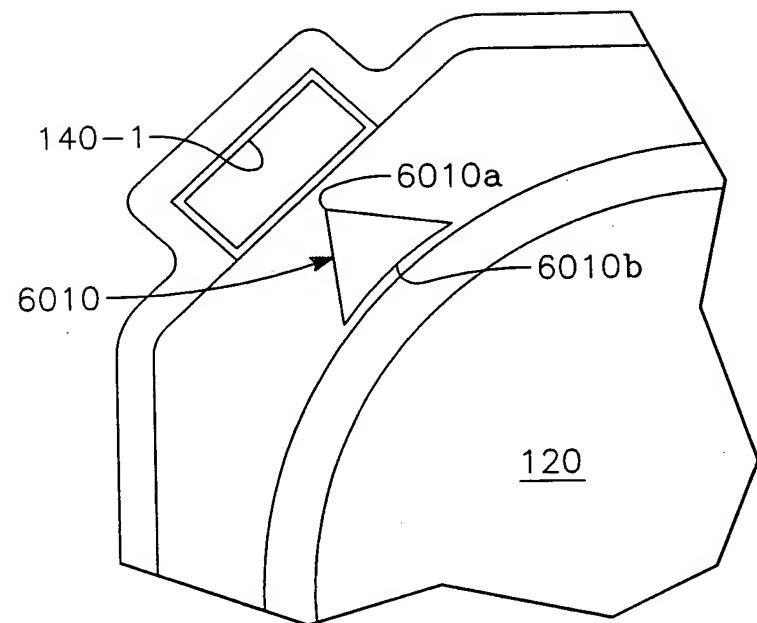


FIG. 63

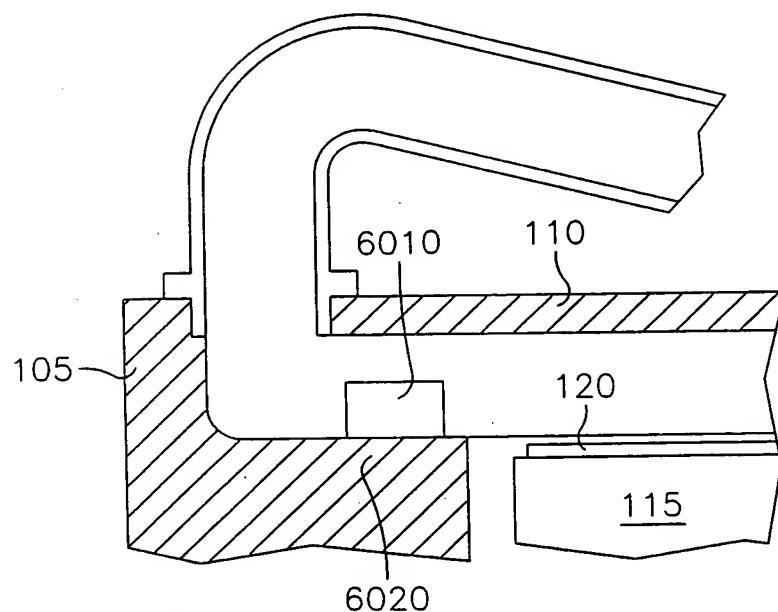


FIG. 64

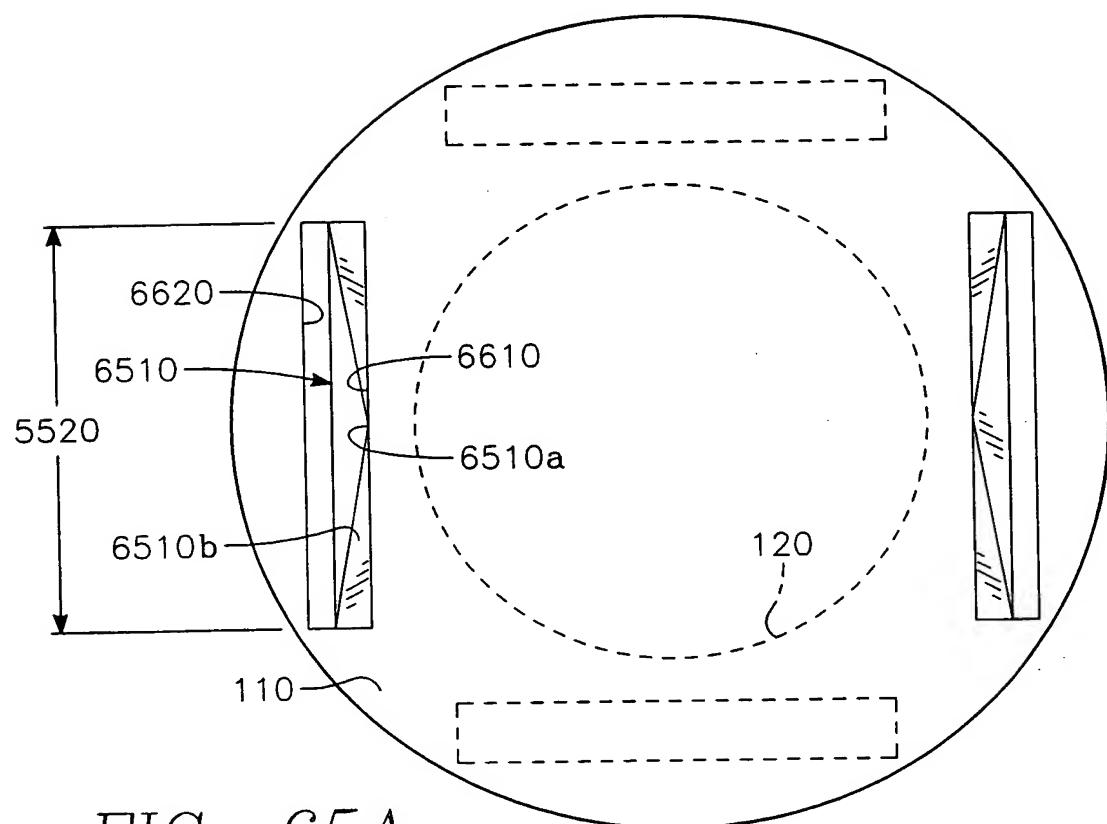


FIG. 65A

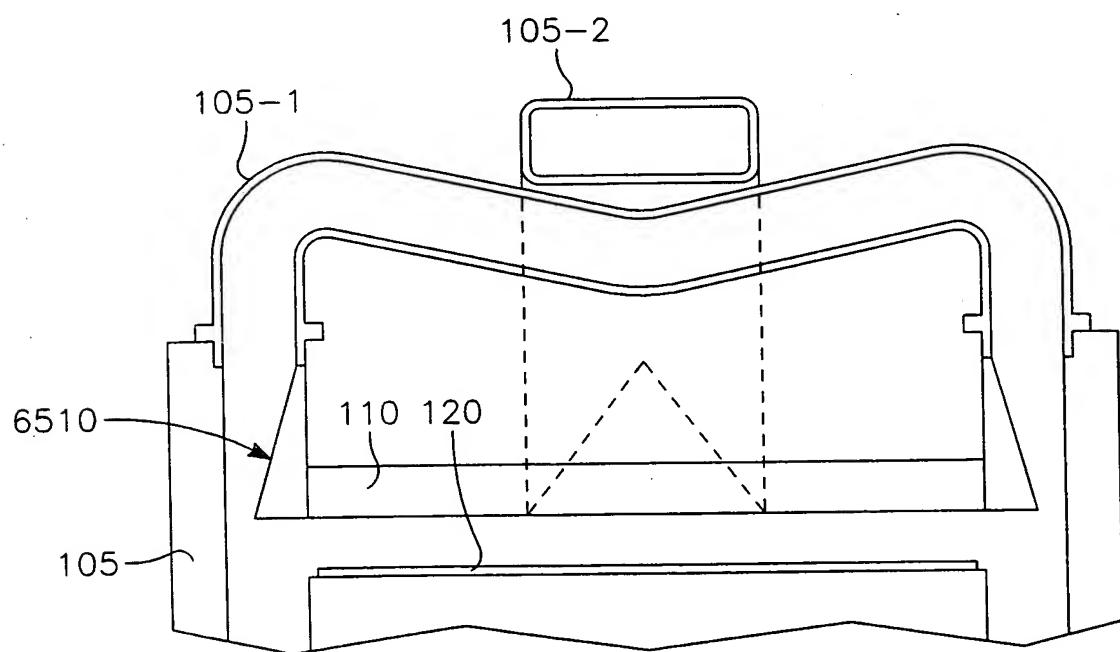


FIG. 65B

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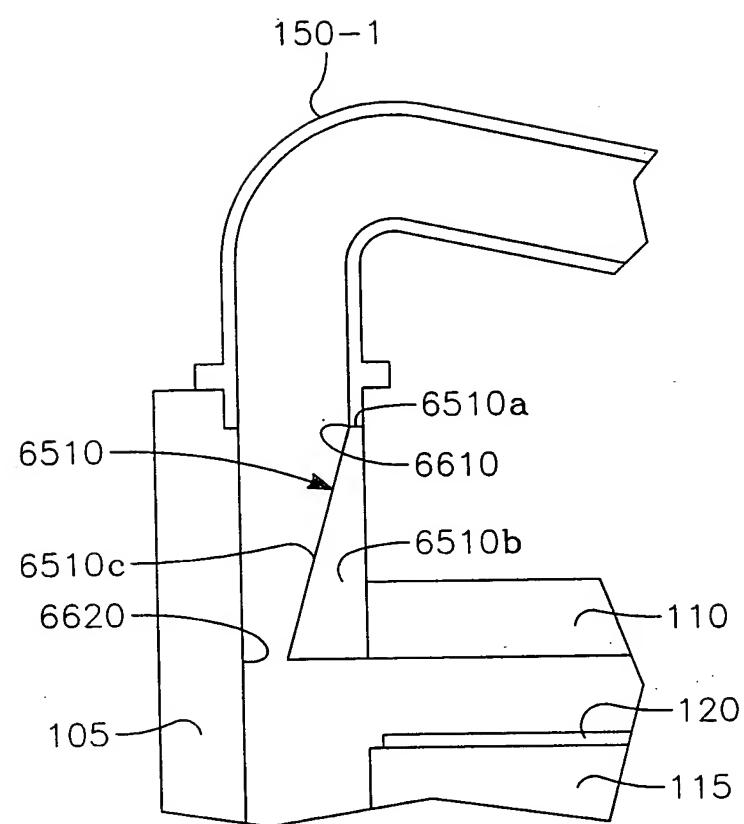


FIG. 66

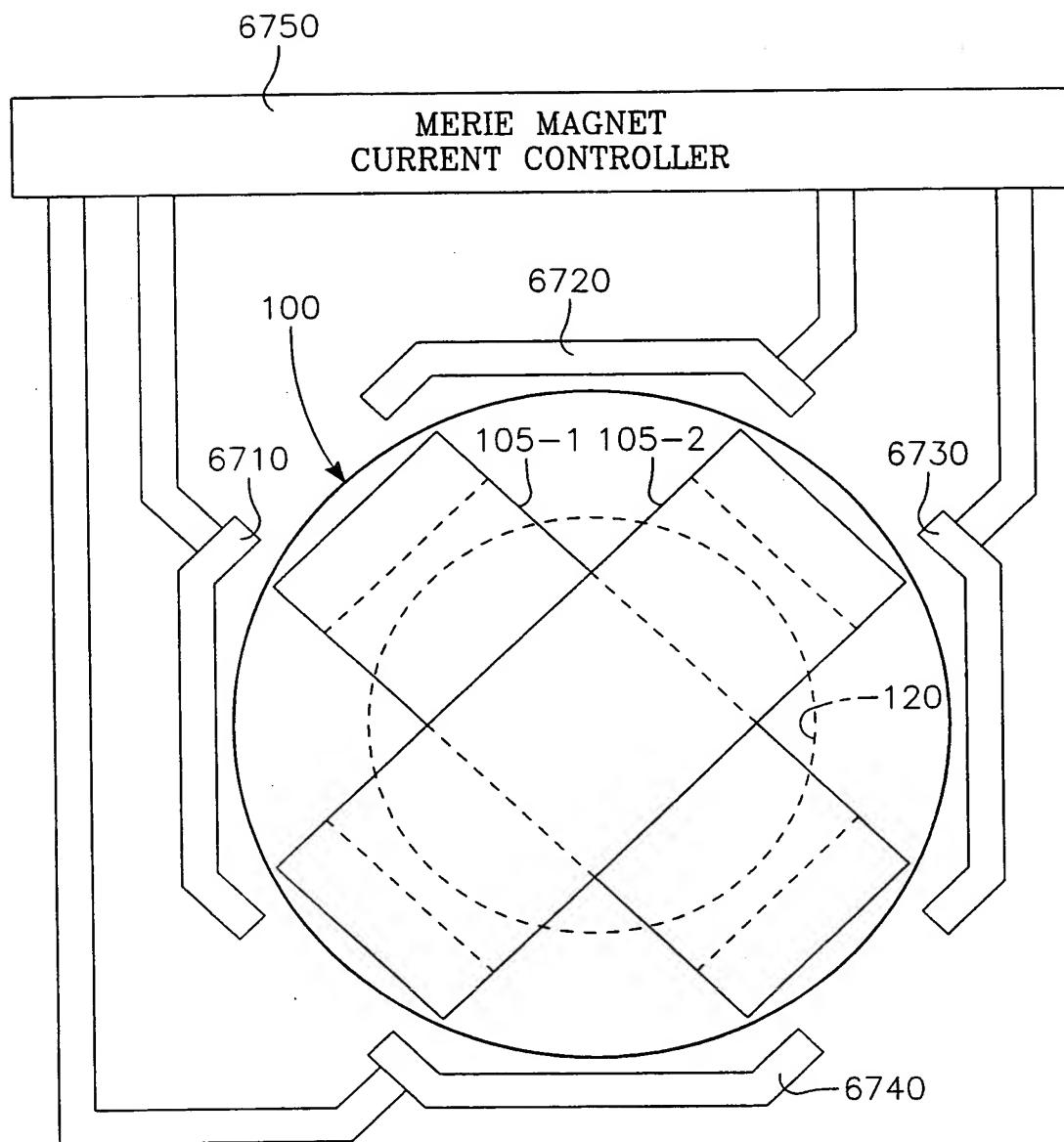


FIG. 67

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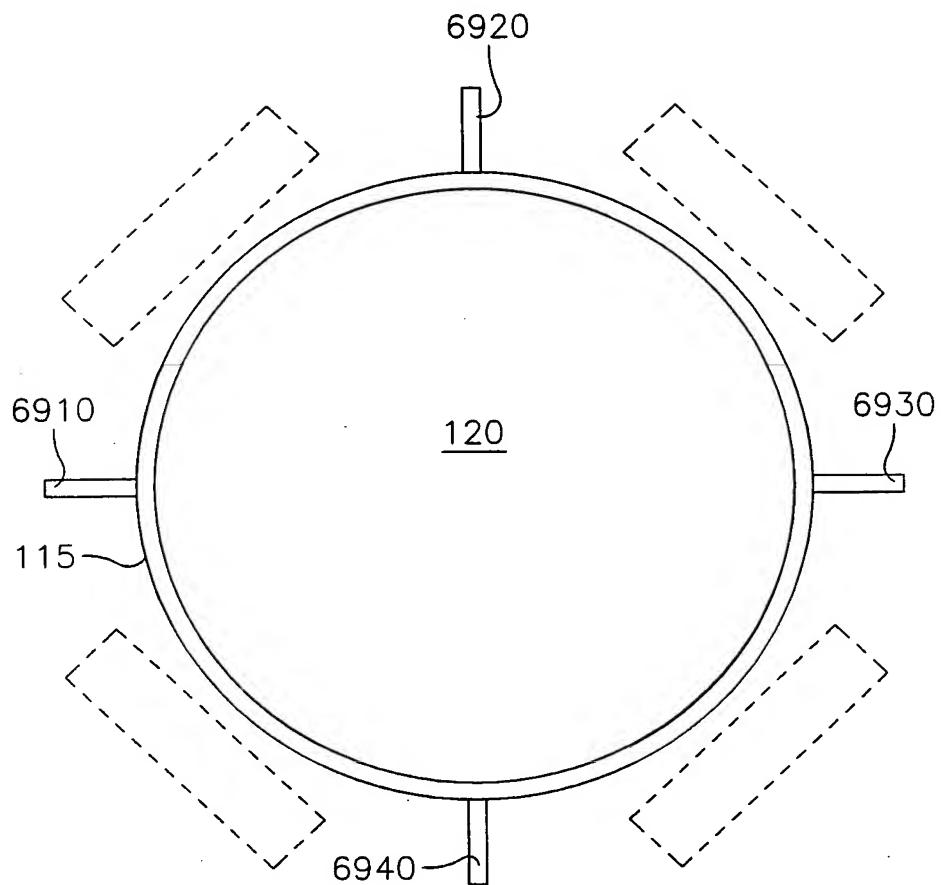


FIG. 68

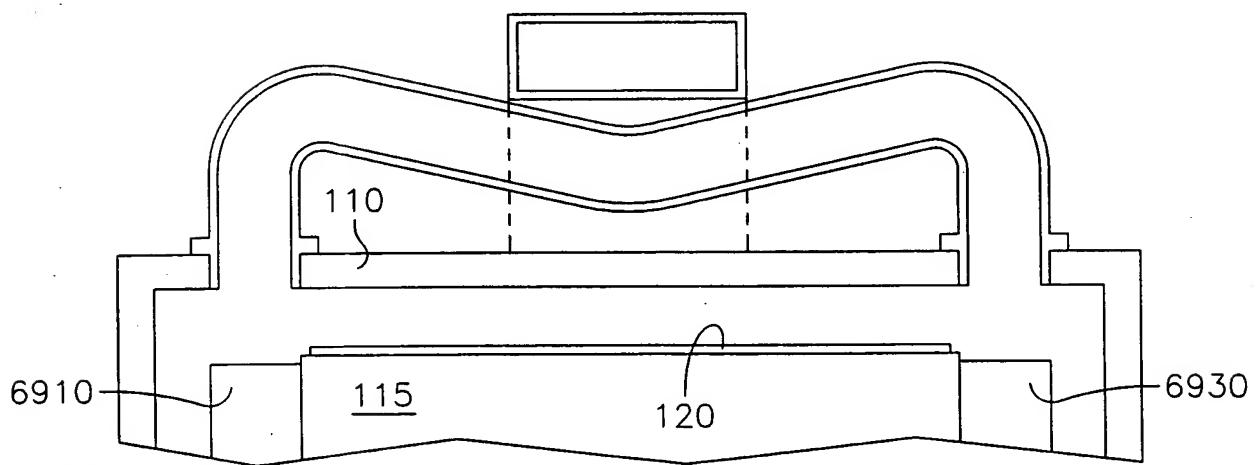
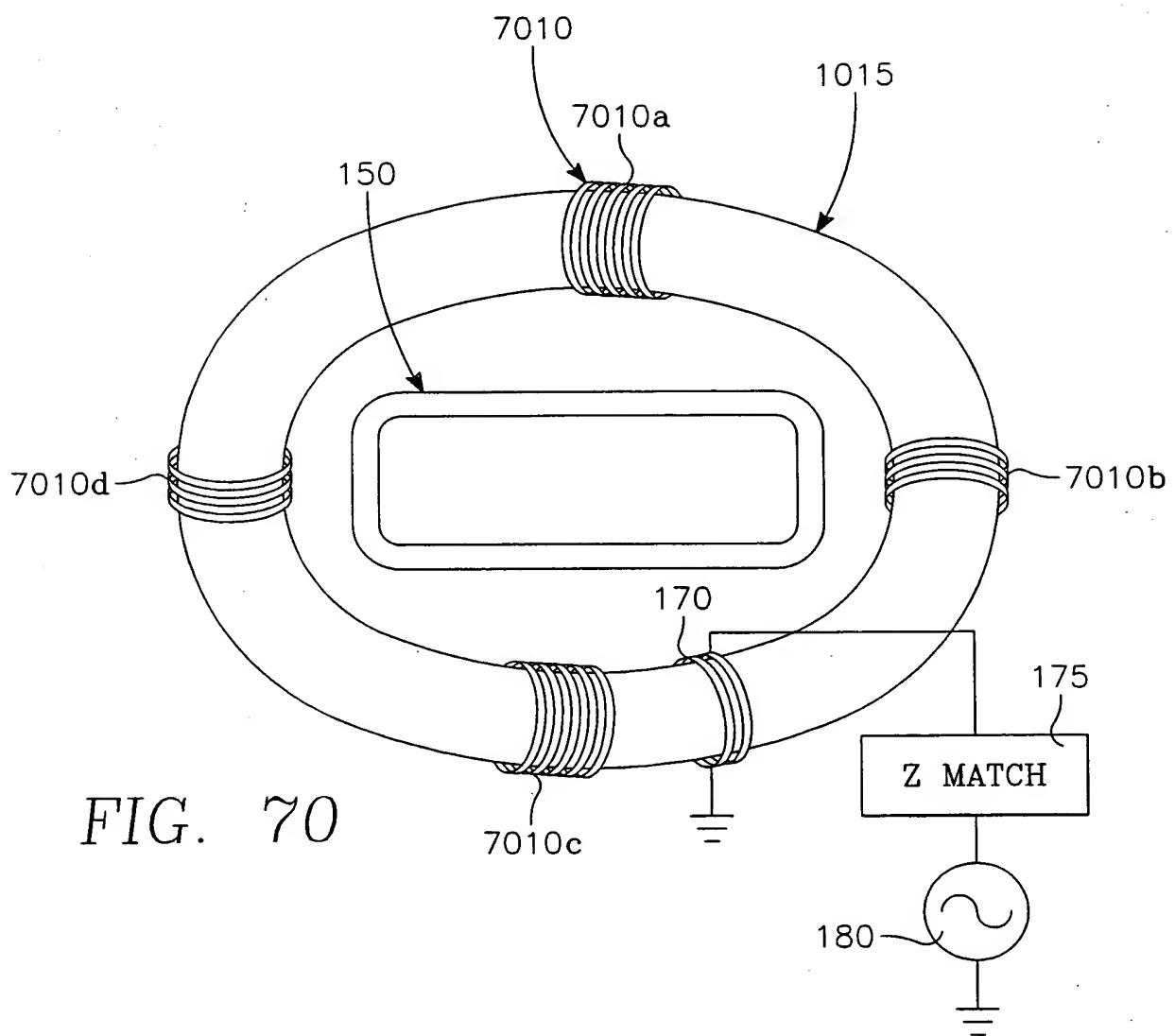


FIG. 69



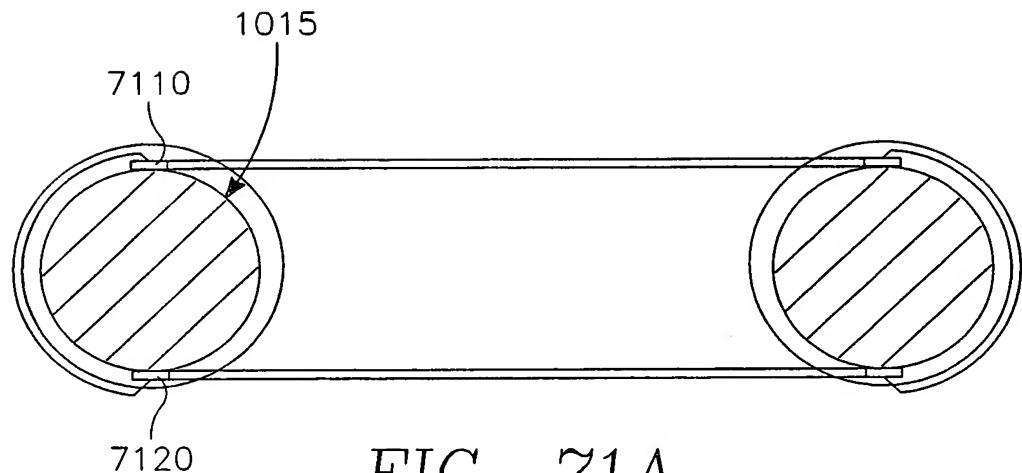


FIG. 71A

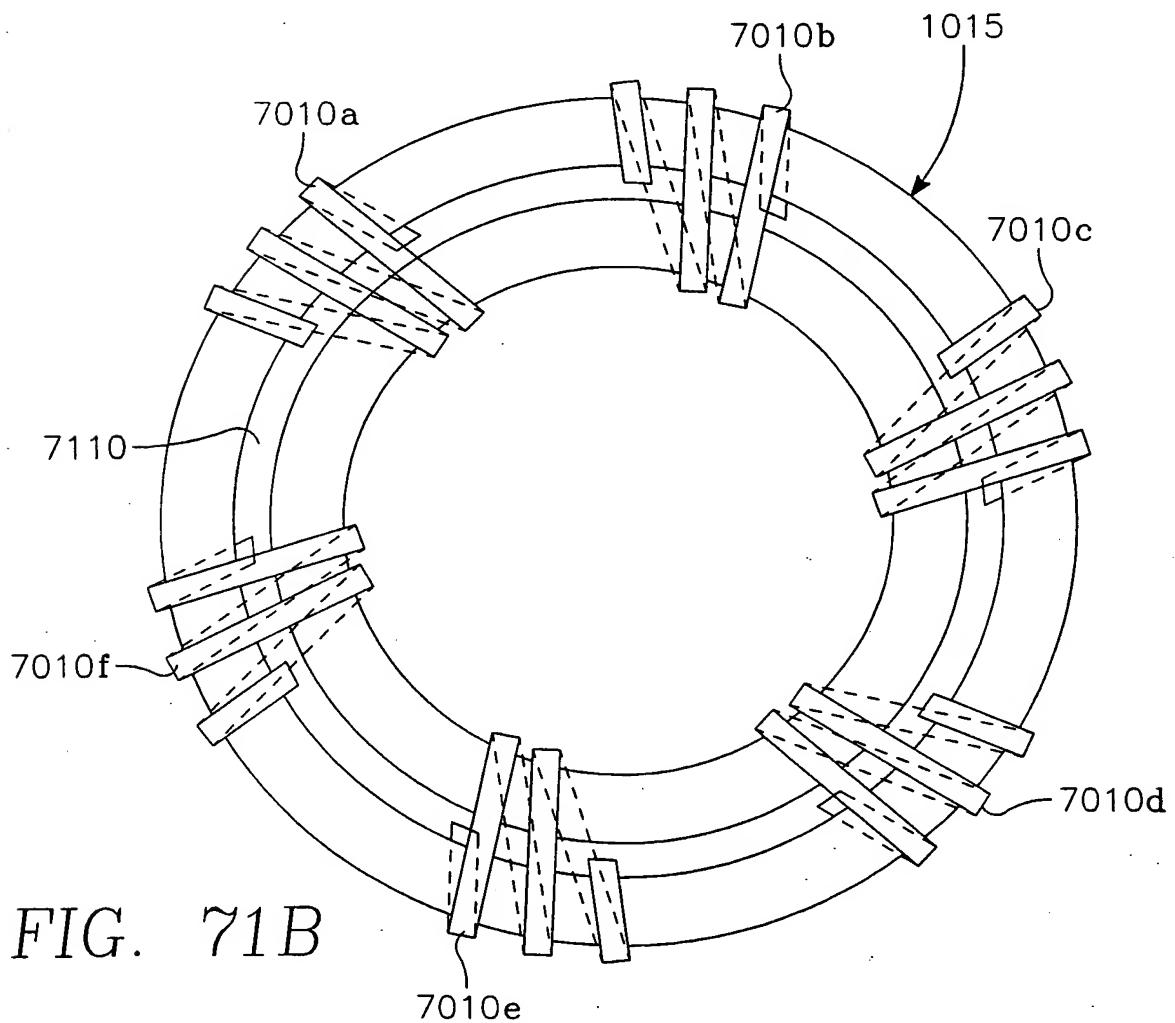


FIG. 71B

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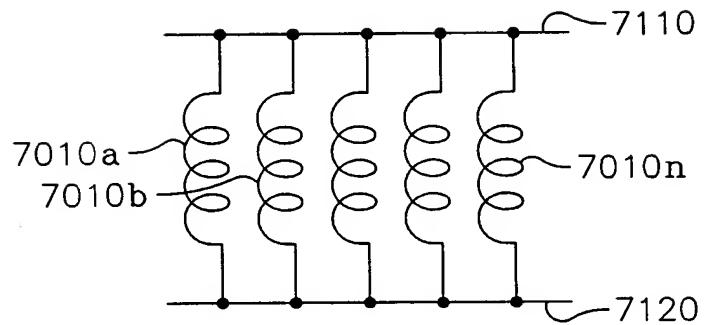


FIG. 72

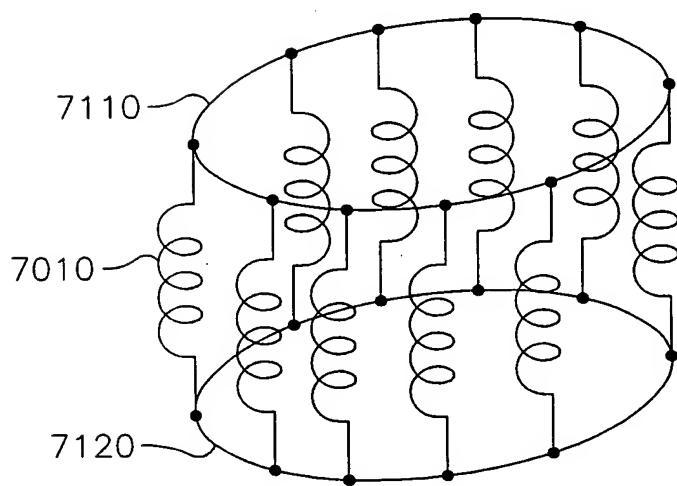


FIG. 73

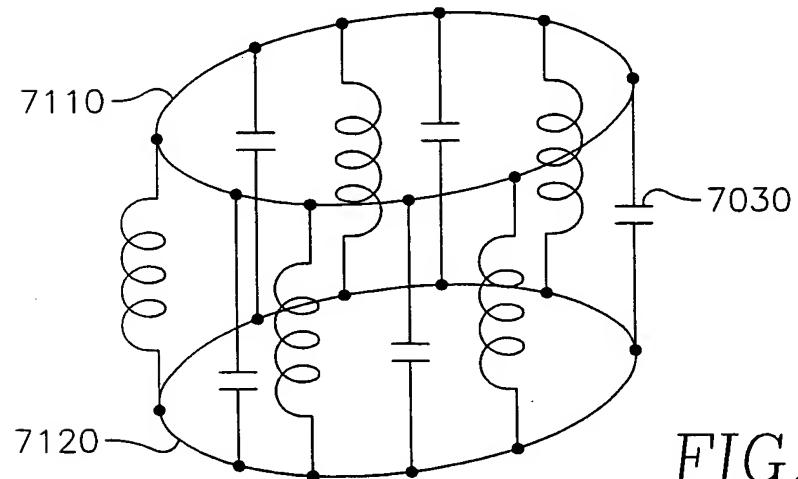


FIG. 74

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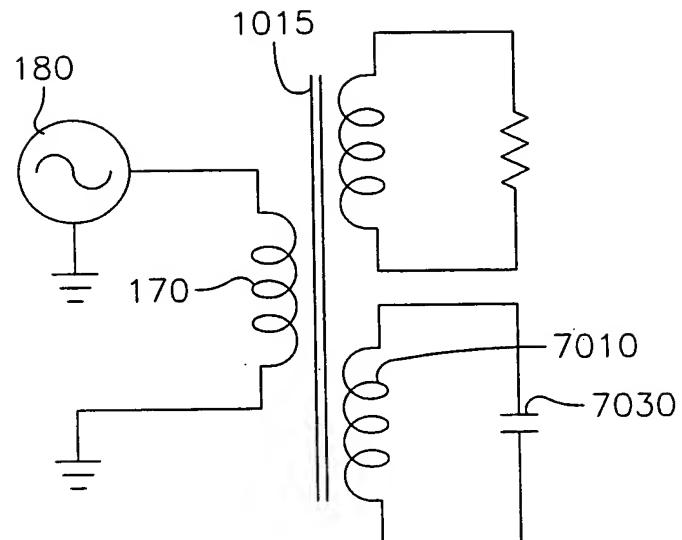


FIG. 75

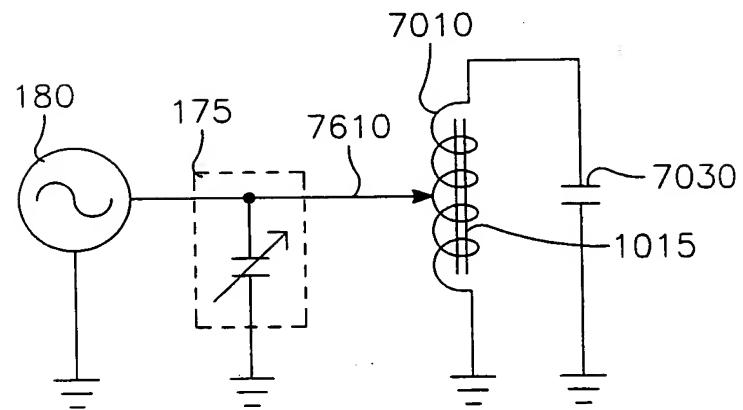
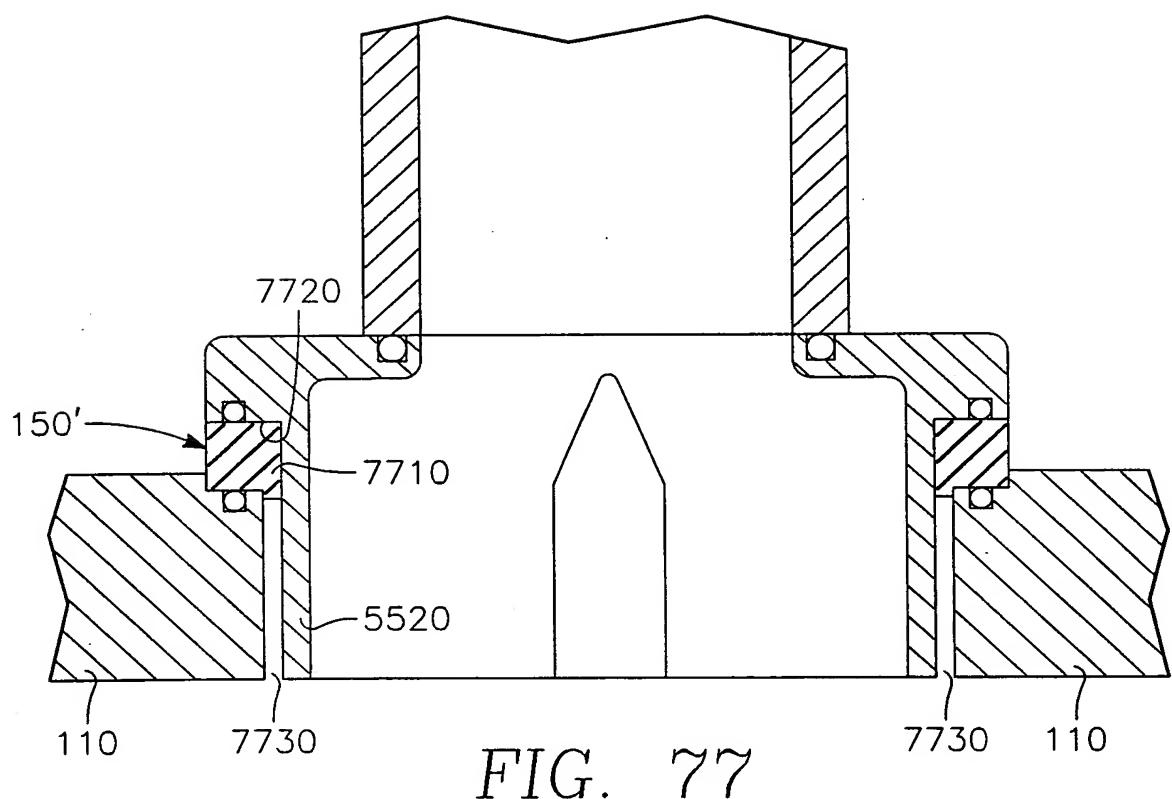


FIG. 76



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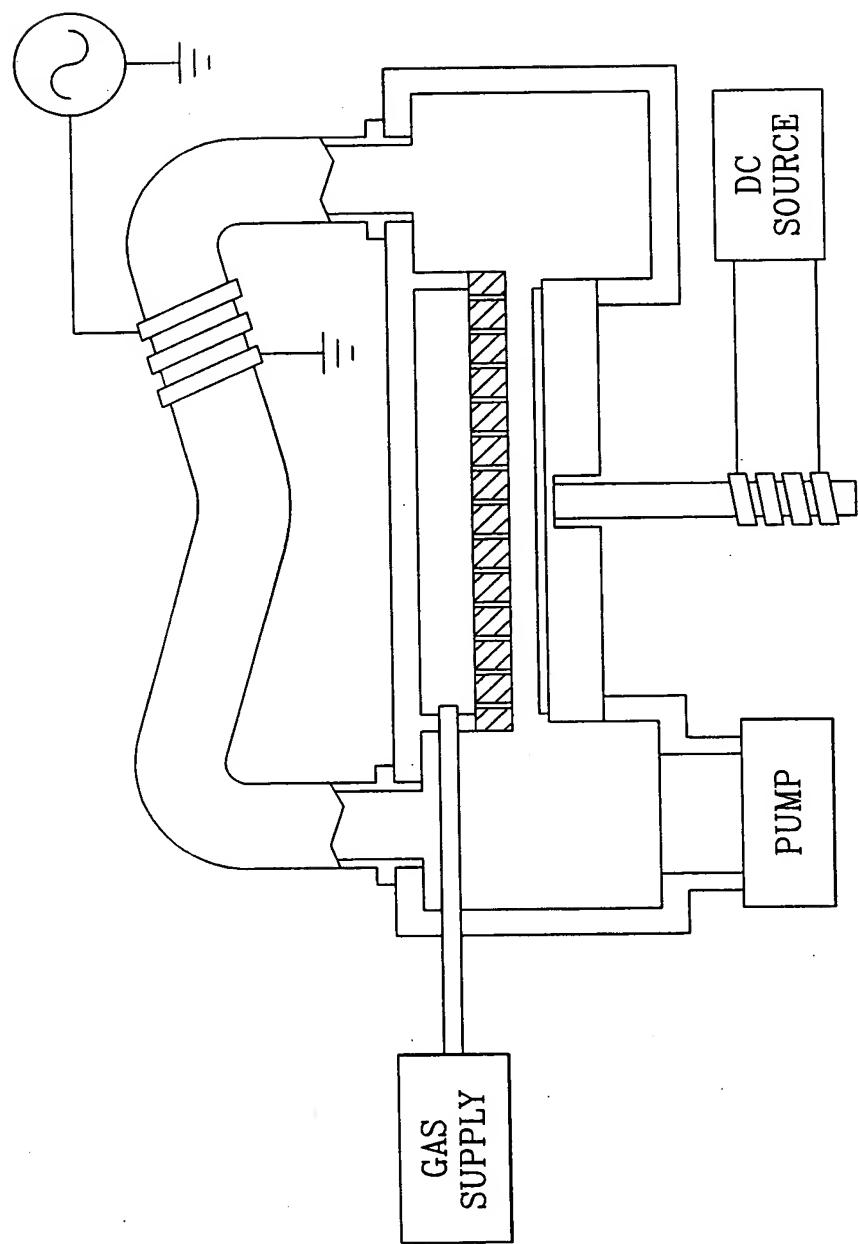


FIG. 78

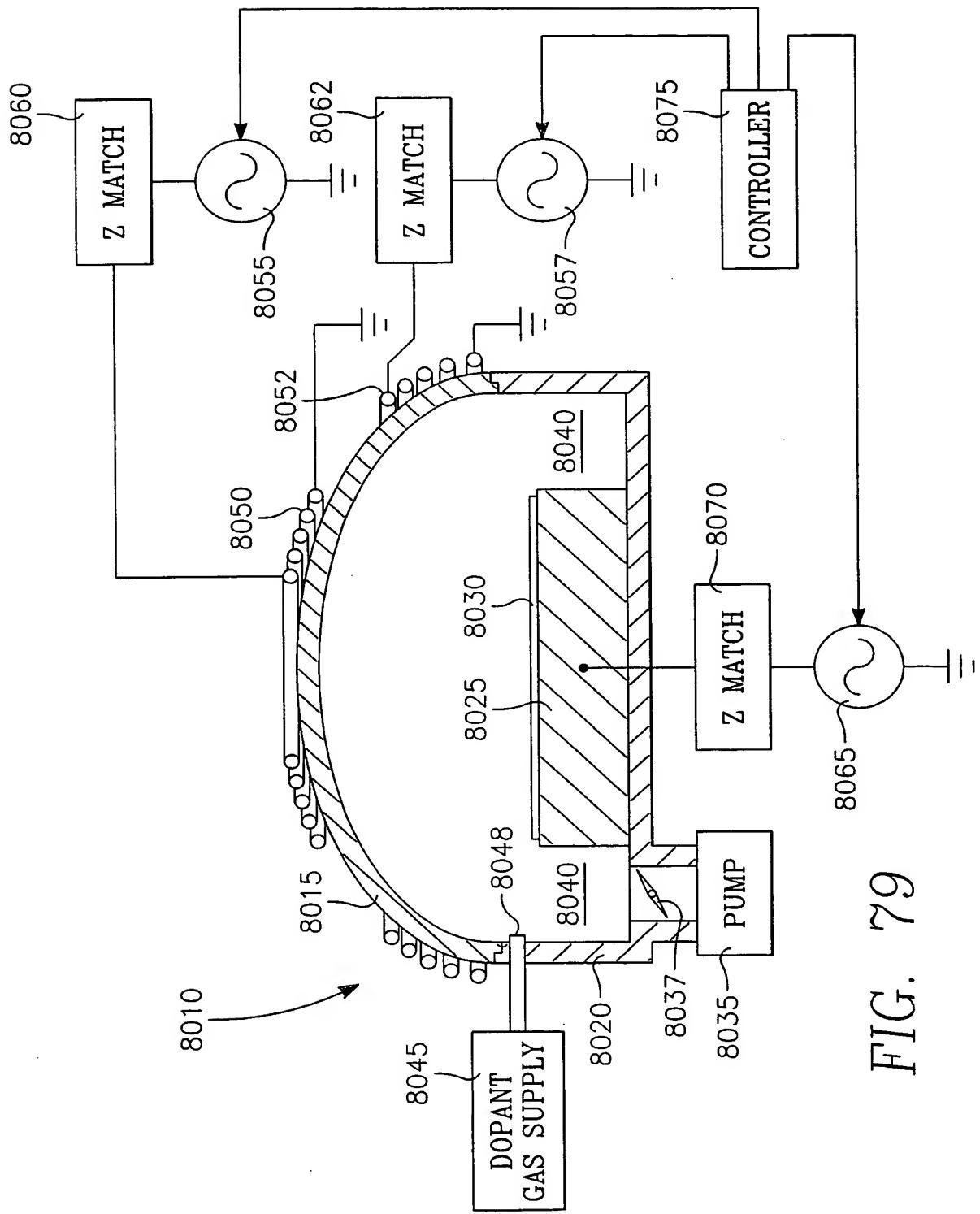


FIG. 79

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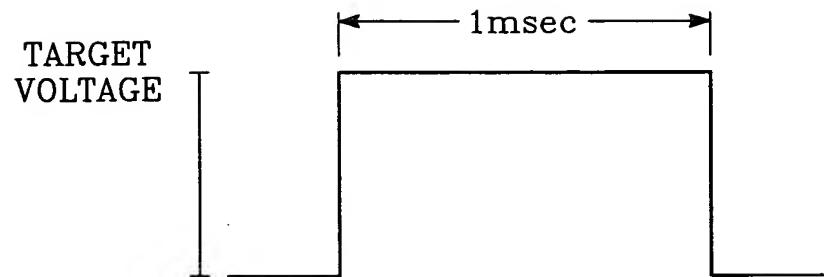


FIG. 80A

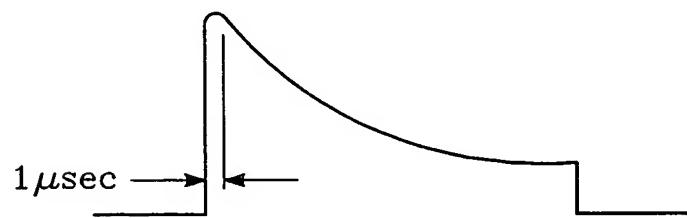


FIG. 80B

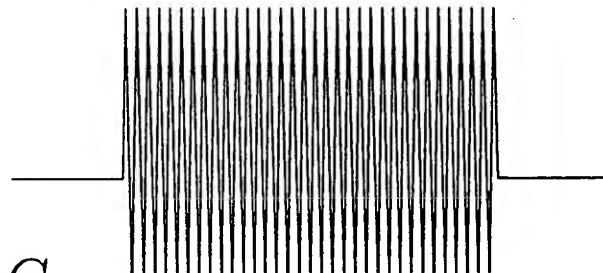


FIG. 80C

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FIG. 81A

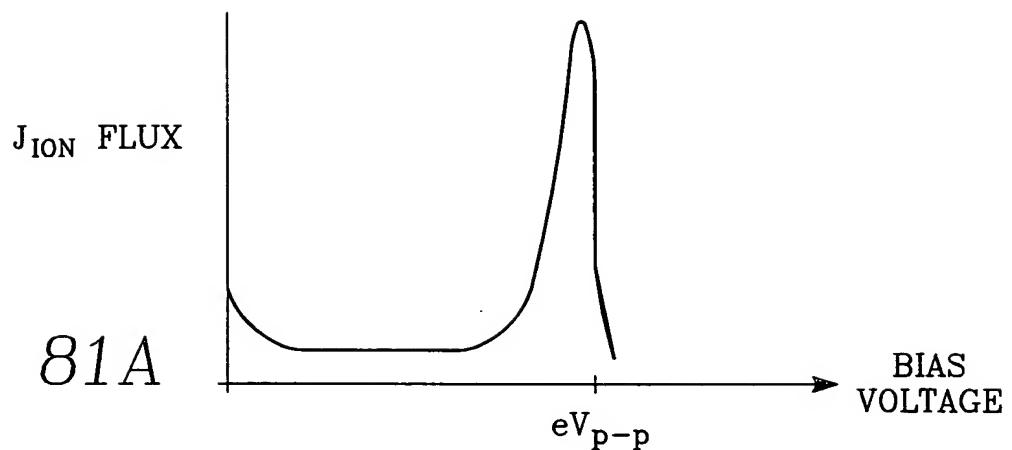


FIG. 81B

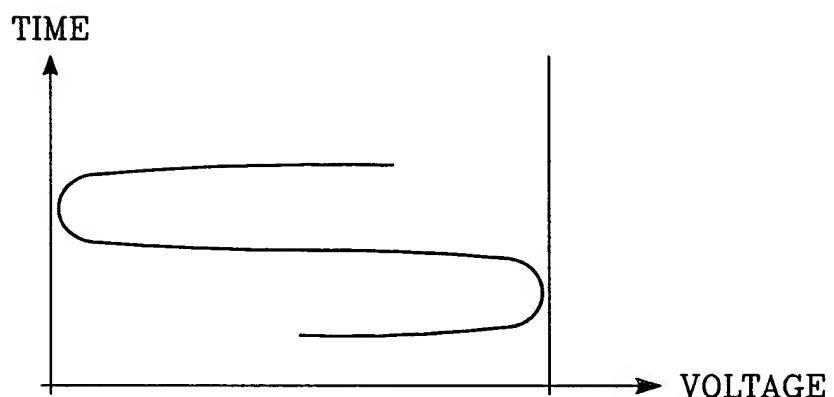
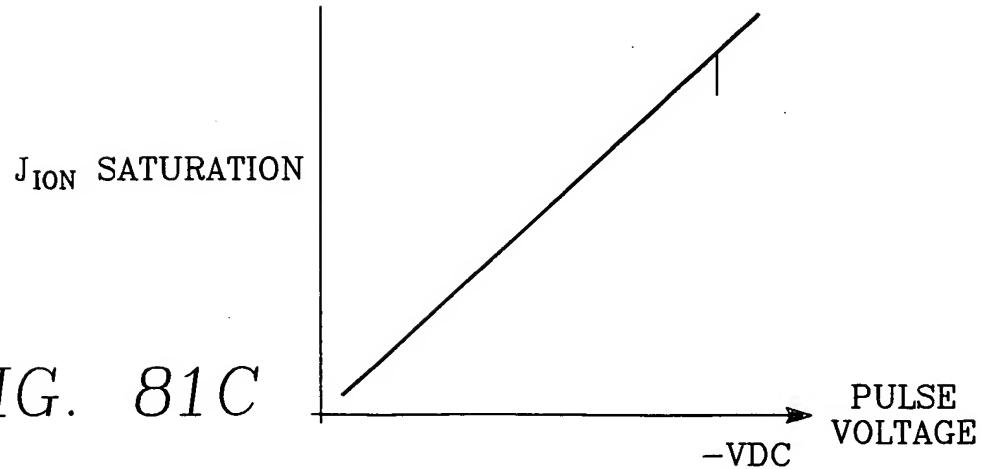


FIG. 81C



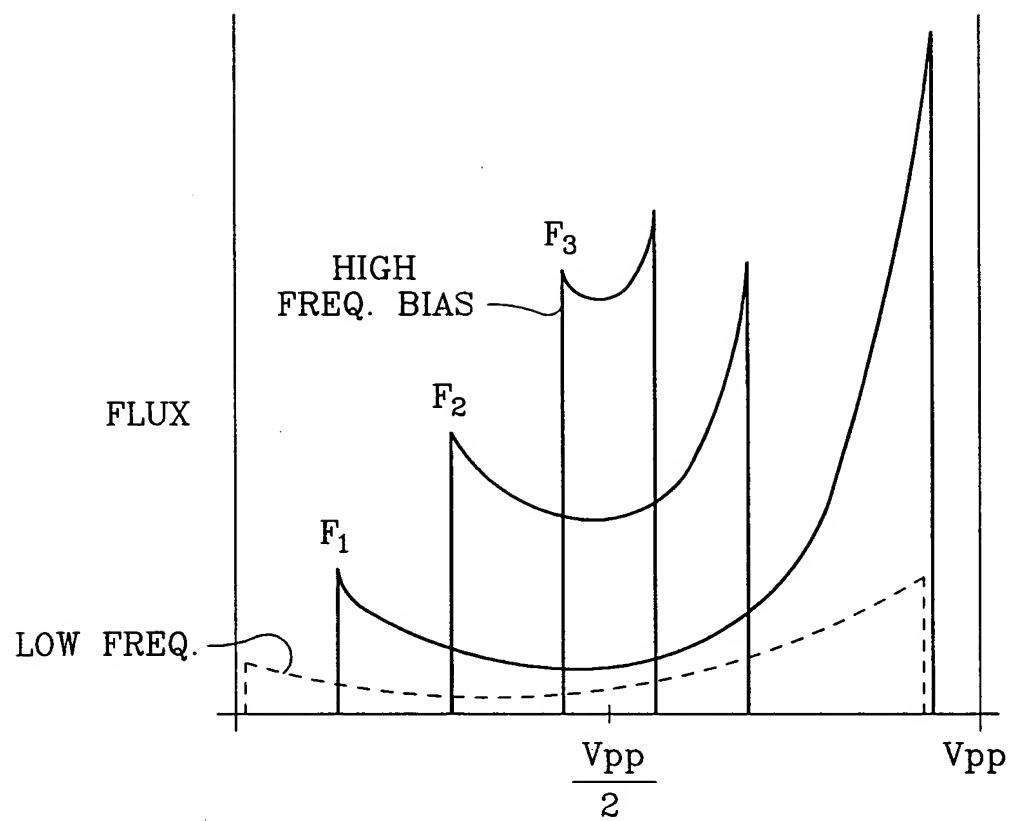


FIG. 81D

FIG. 82A  PUSH PULL

FIG. 82B  PUSH PULL

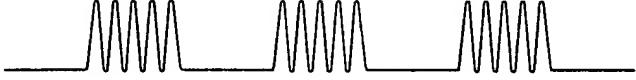
FIG. 82C  IN SYNC

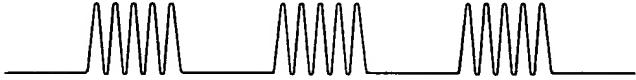
FIG. 82D  IN SYNC

FIG. 82E  SYMMETRIC

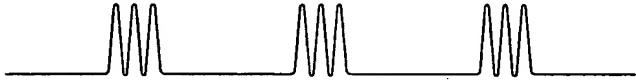
FIG. 82F  SYMMETRIC

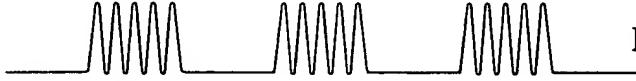
FIG. 82G  NON-SYMMETRIC

FIG. 82H  NON-SYMMETRIC

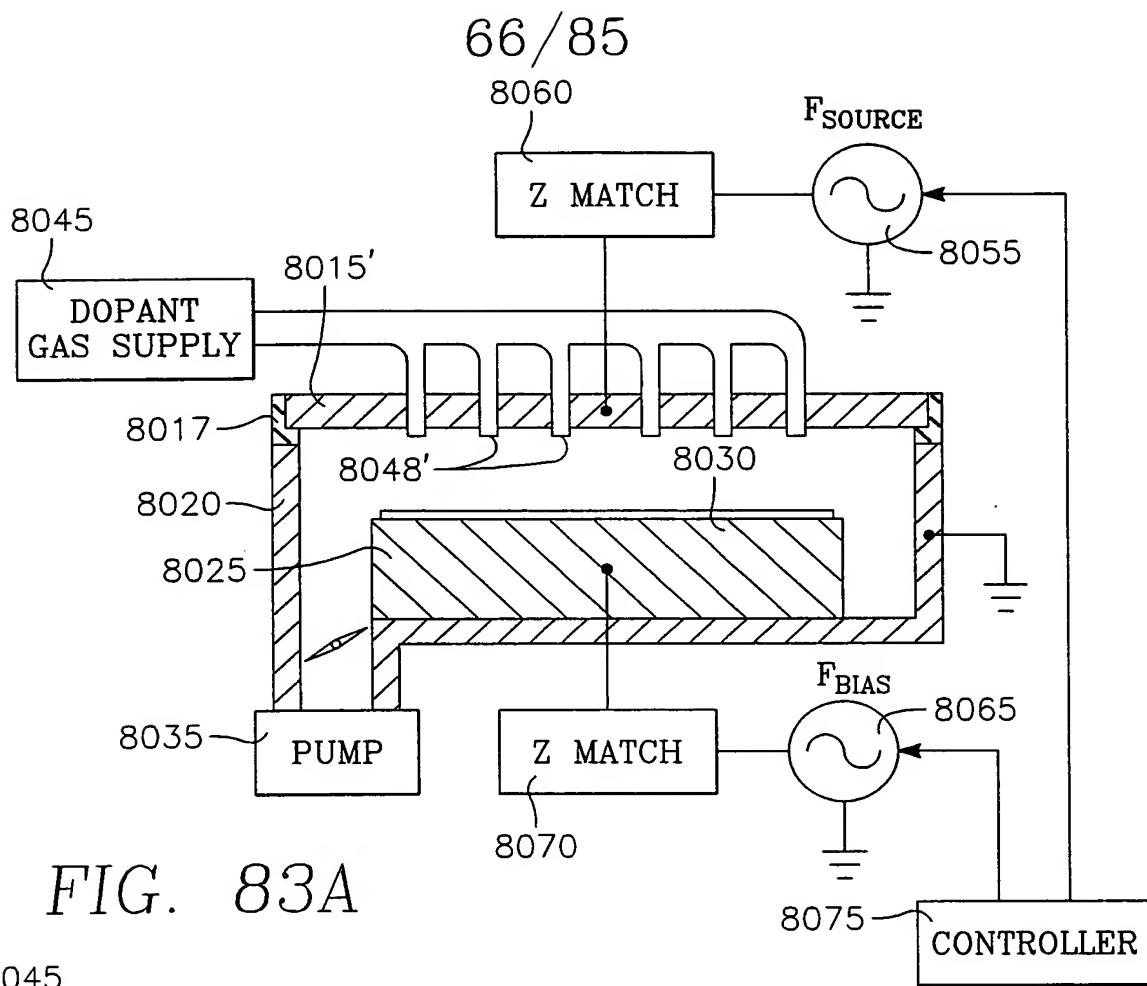


FIG. 83A

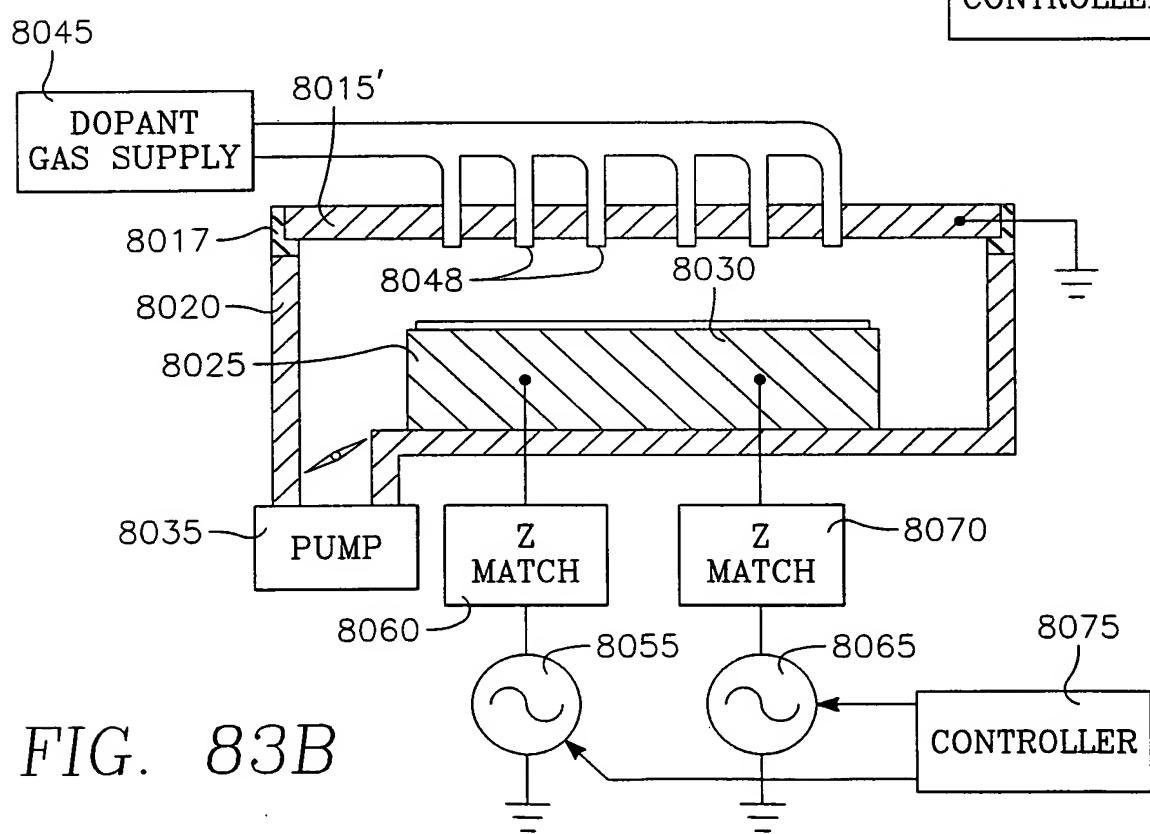


FIG. 83B

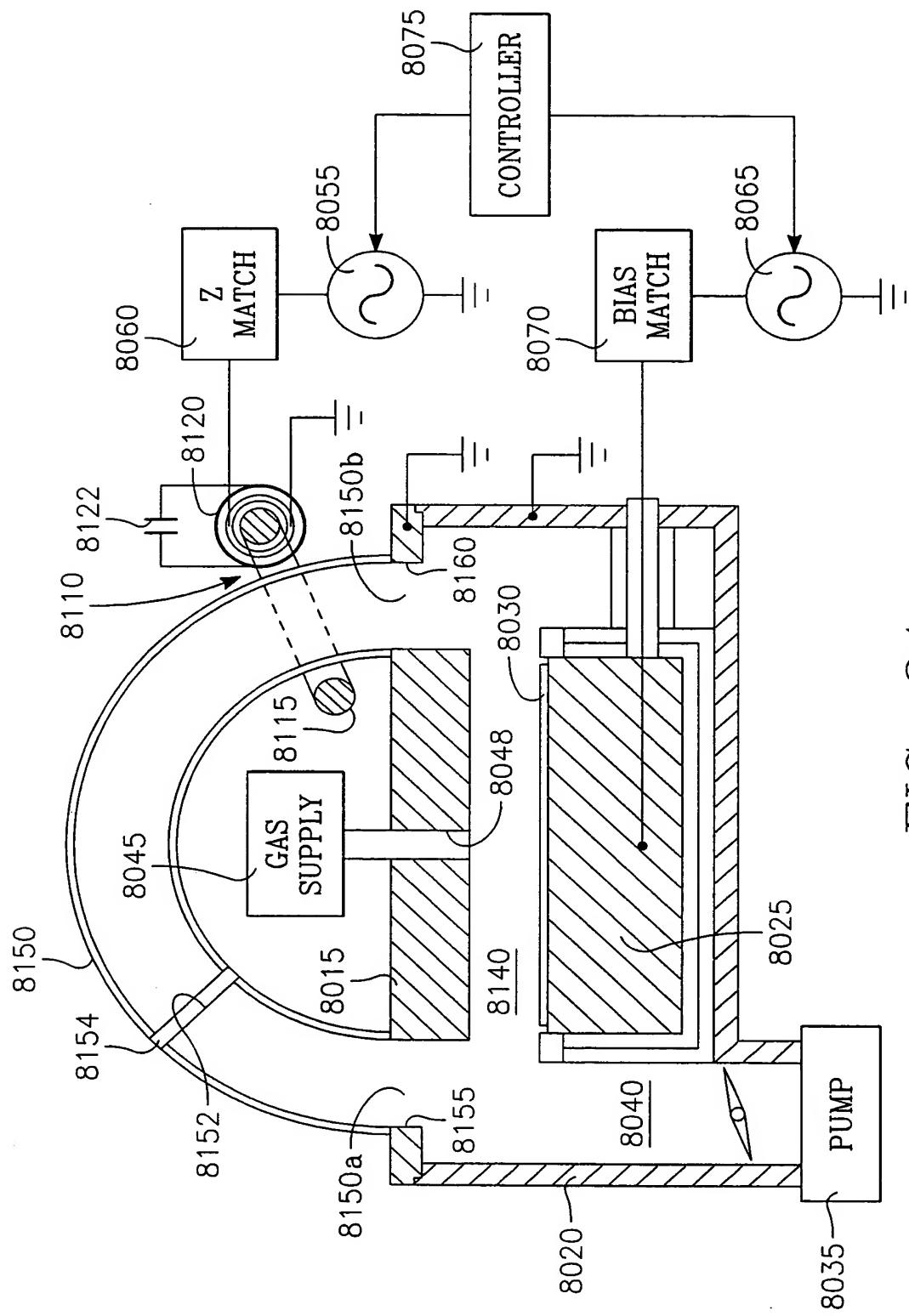


FIG. 84

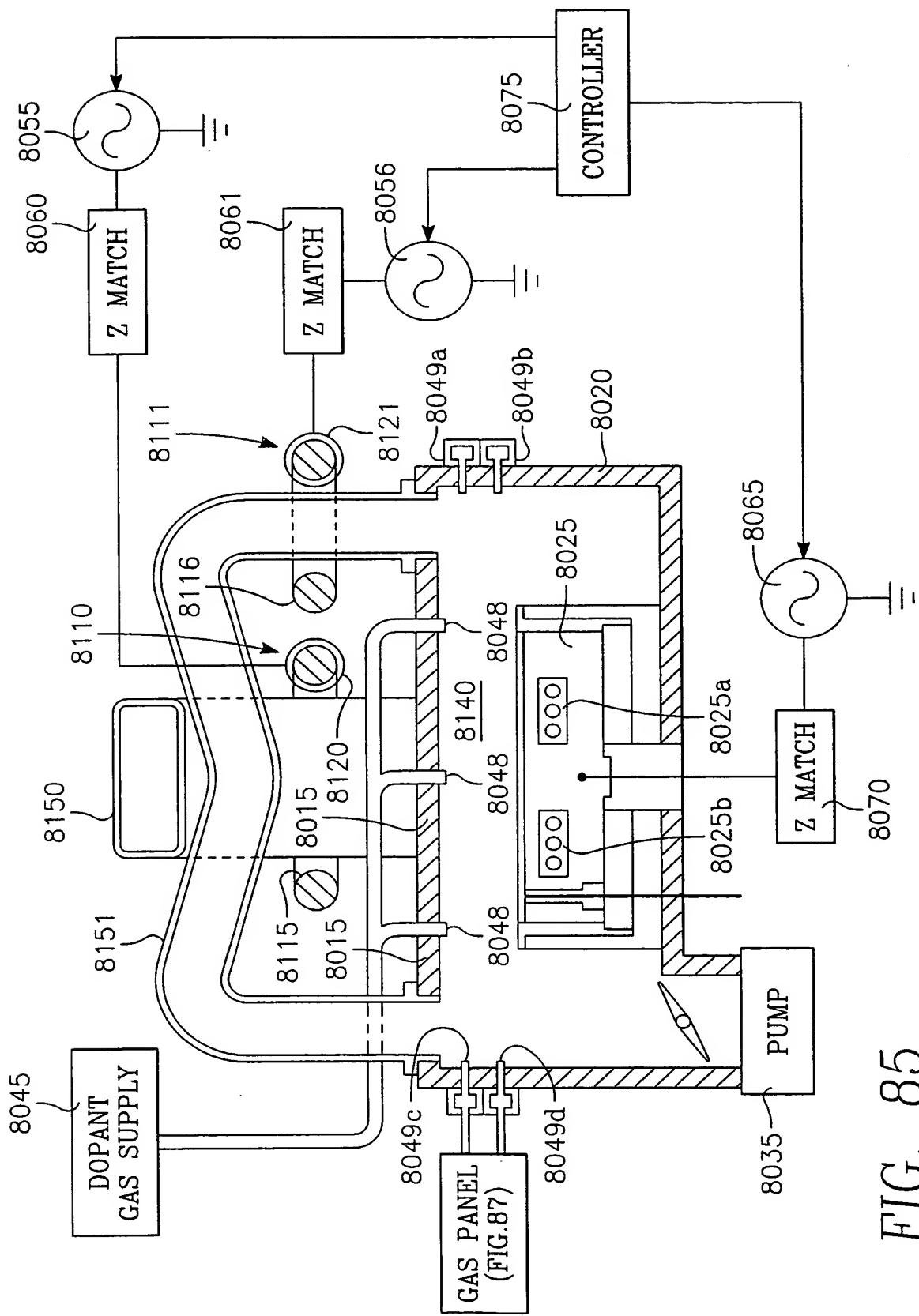


FIG. 85

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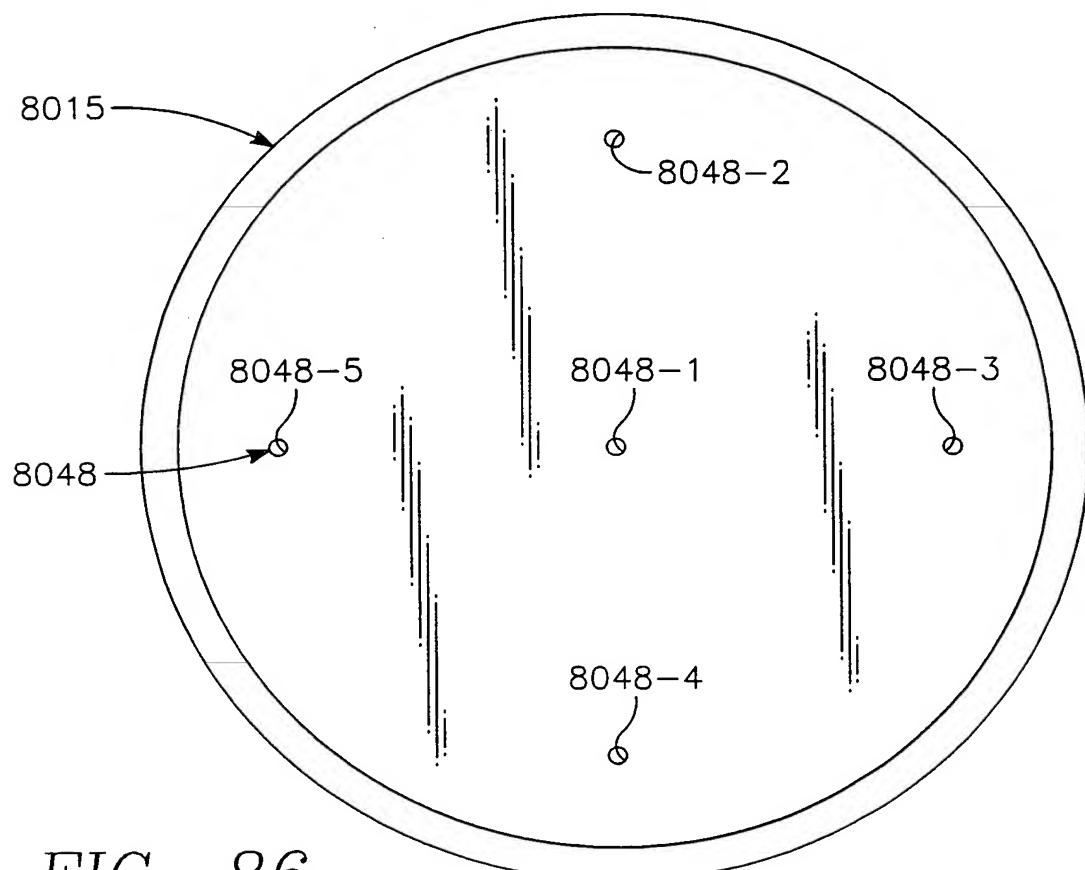


FIG. 86

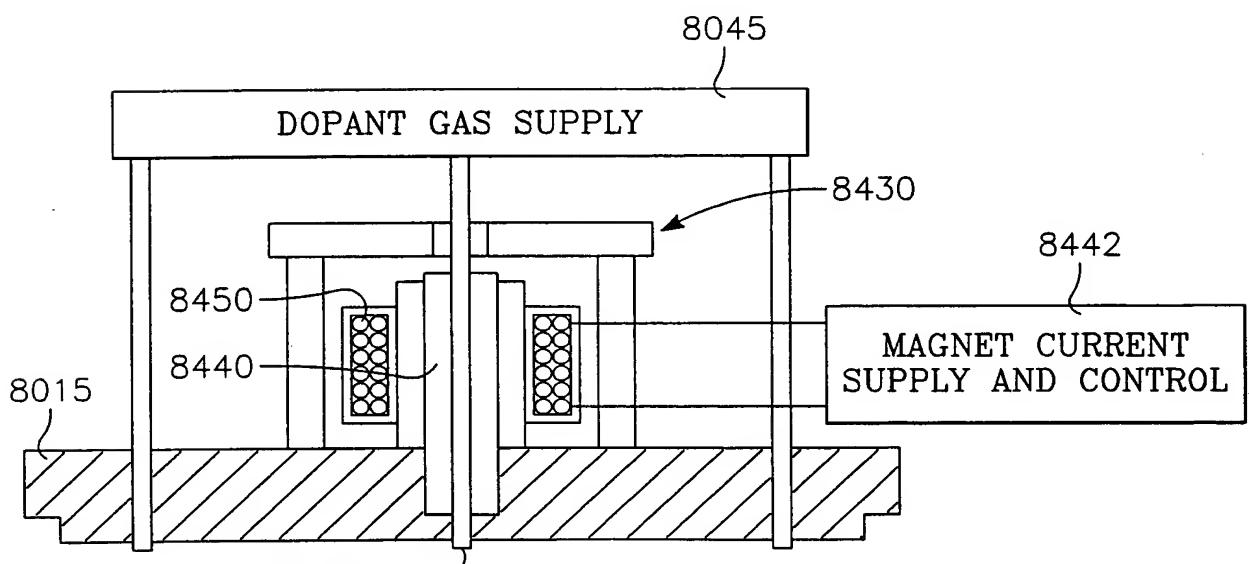


FIG. 88

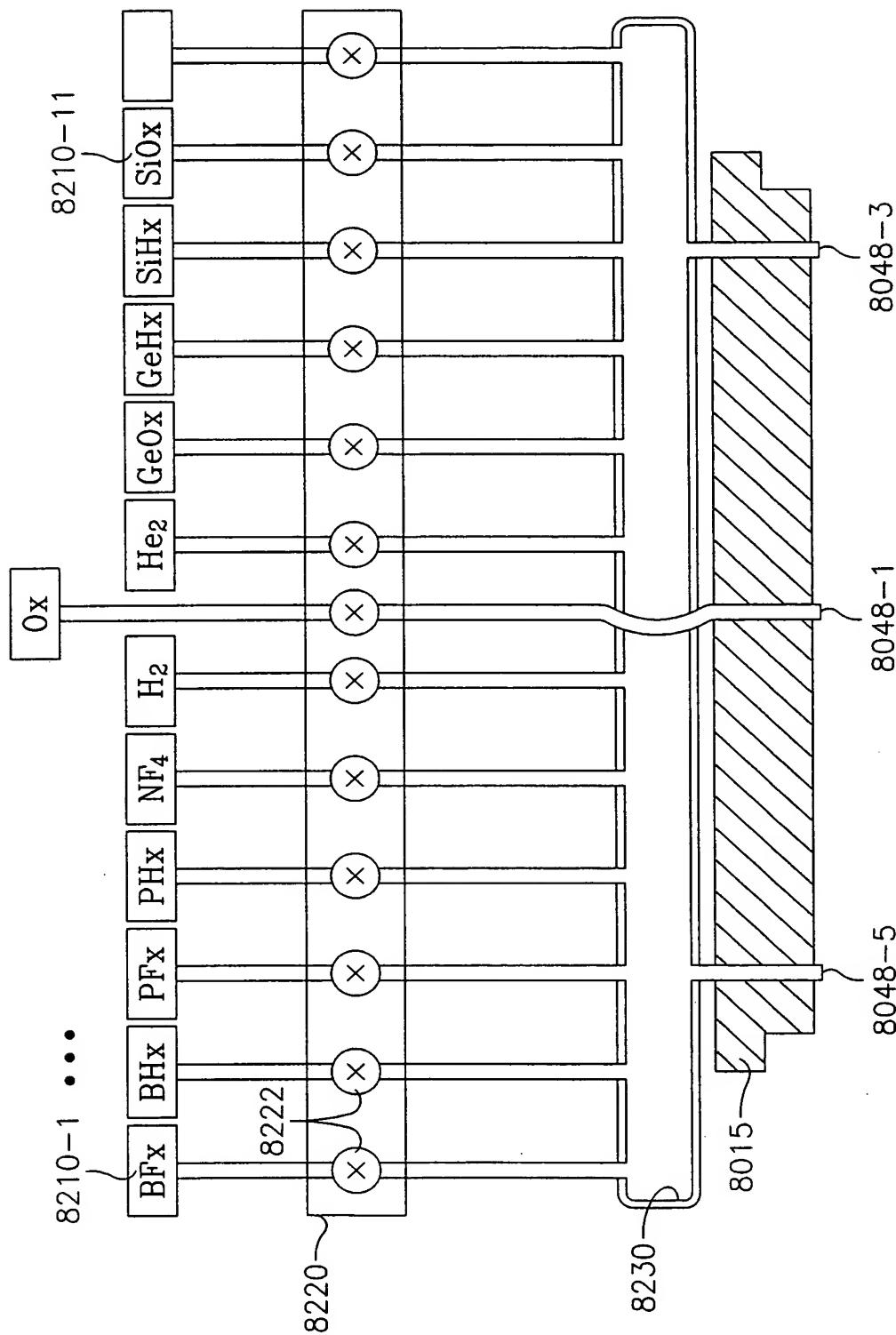


FIG. 87

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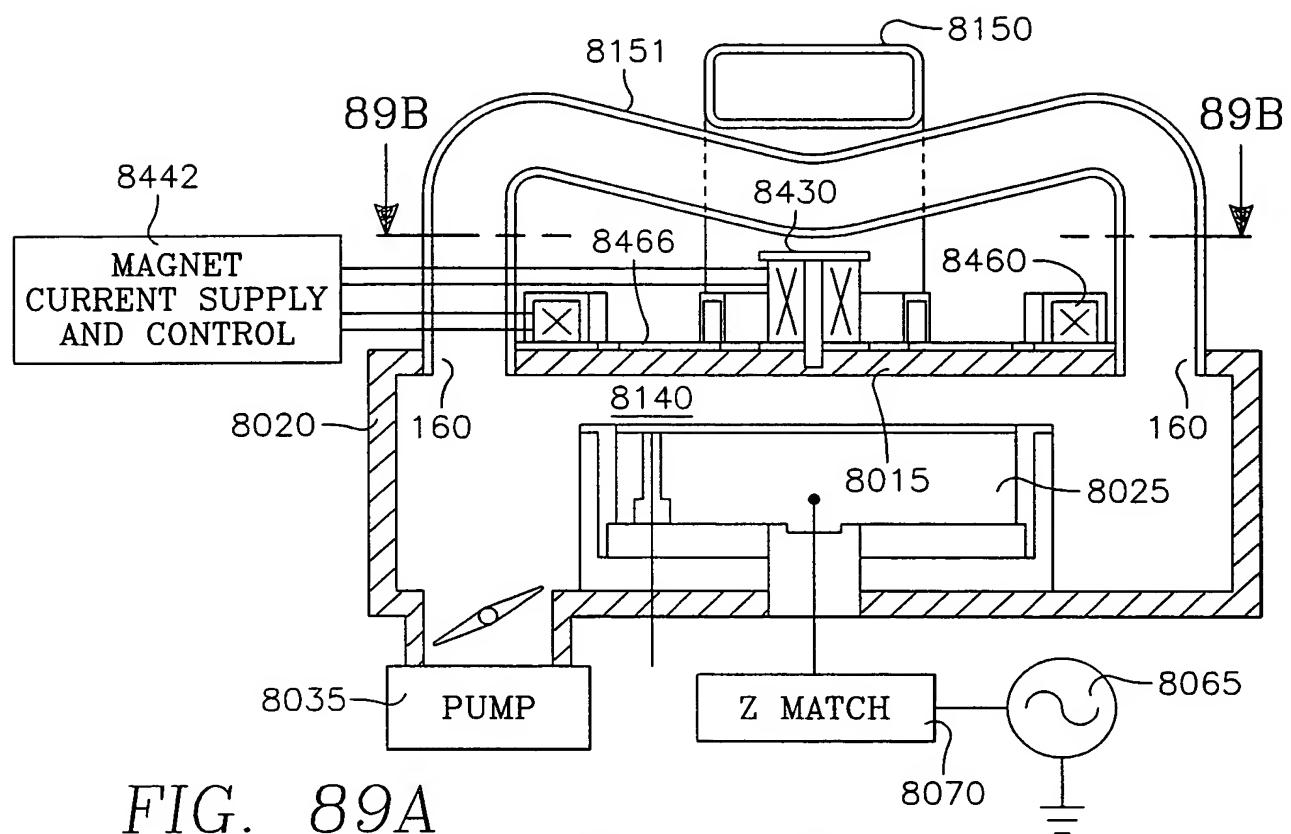


FIG. 89A

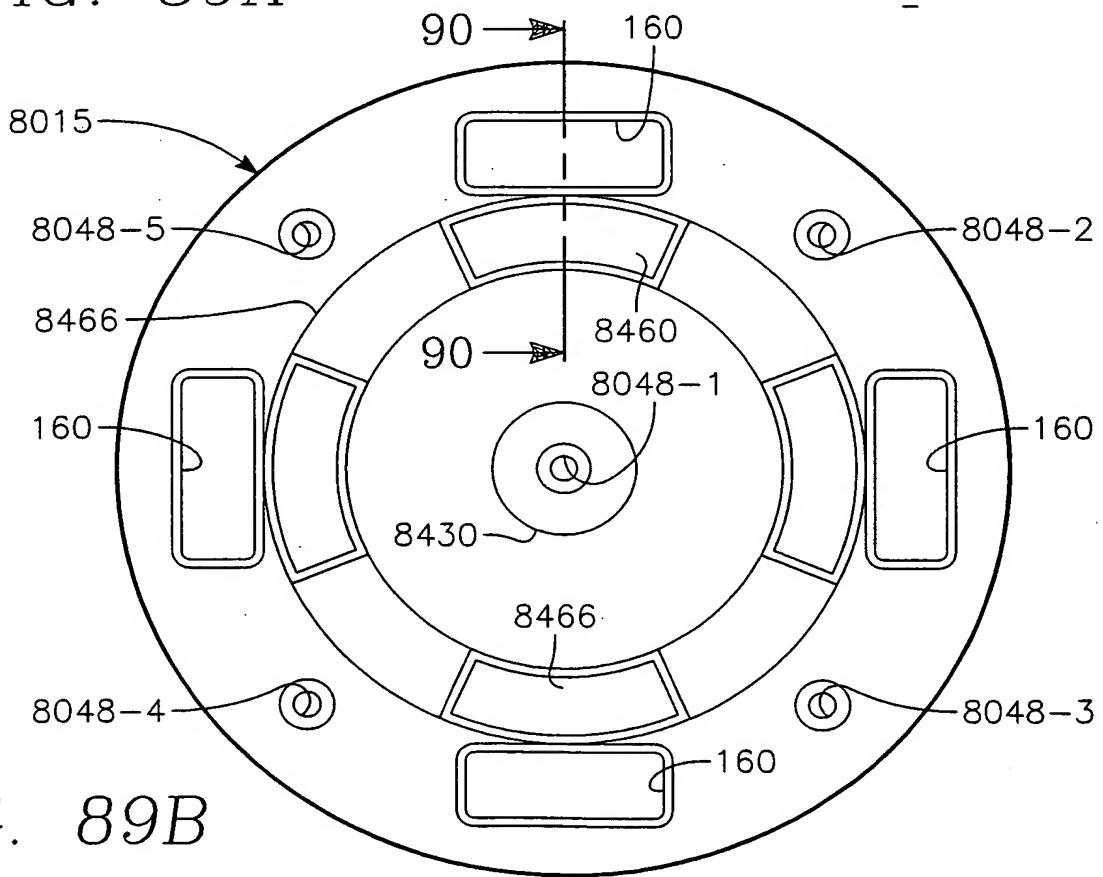


FIG. 89B

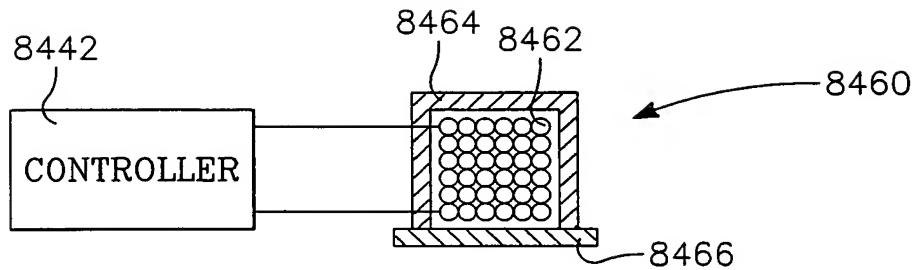


FIG. 90A

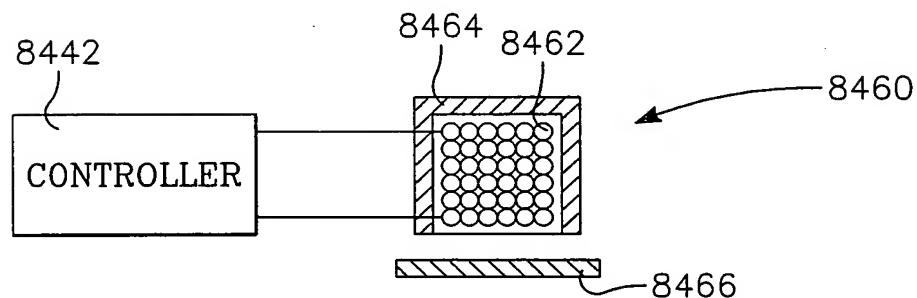


FIG. 90B

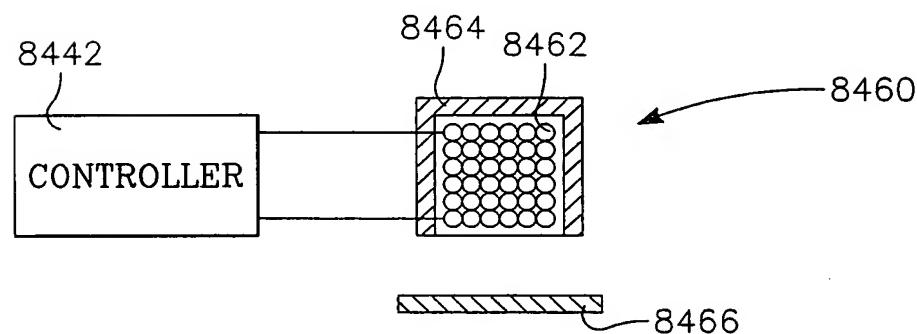


FIG. 90C

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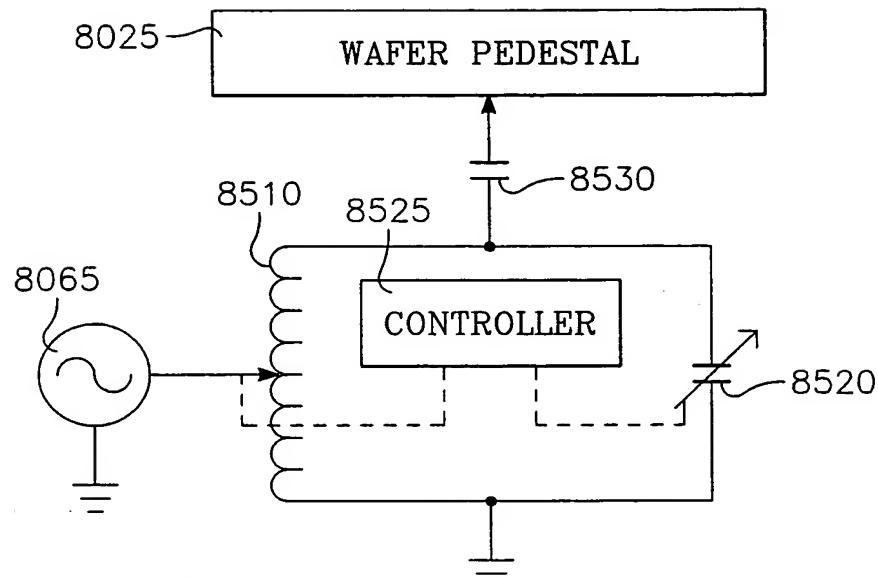


FIG. 91

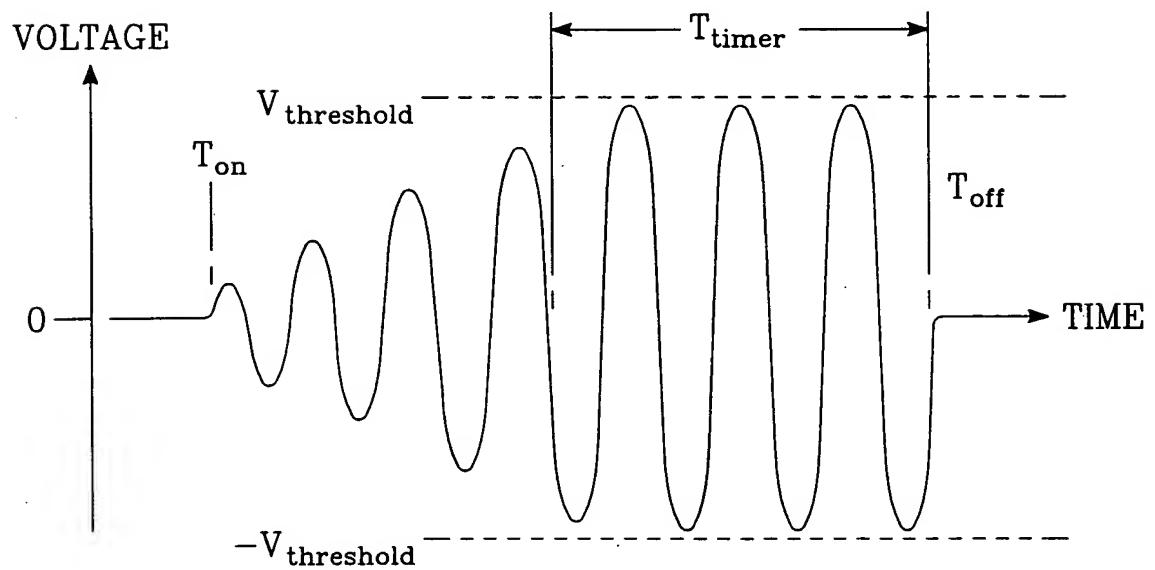


FIG. 92

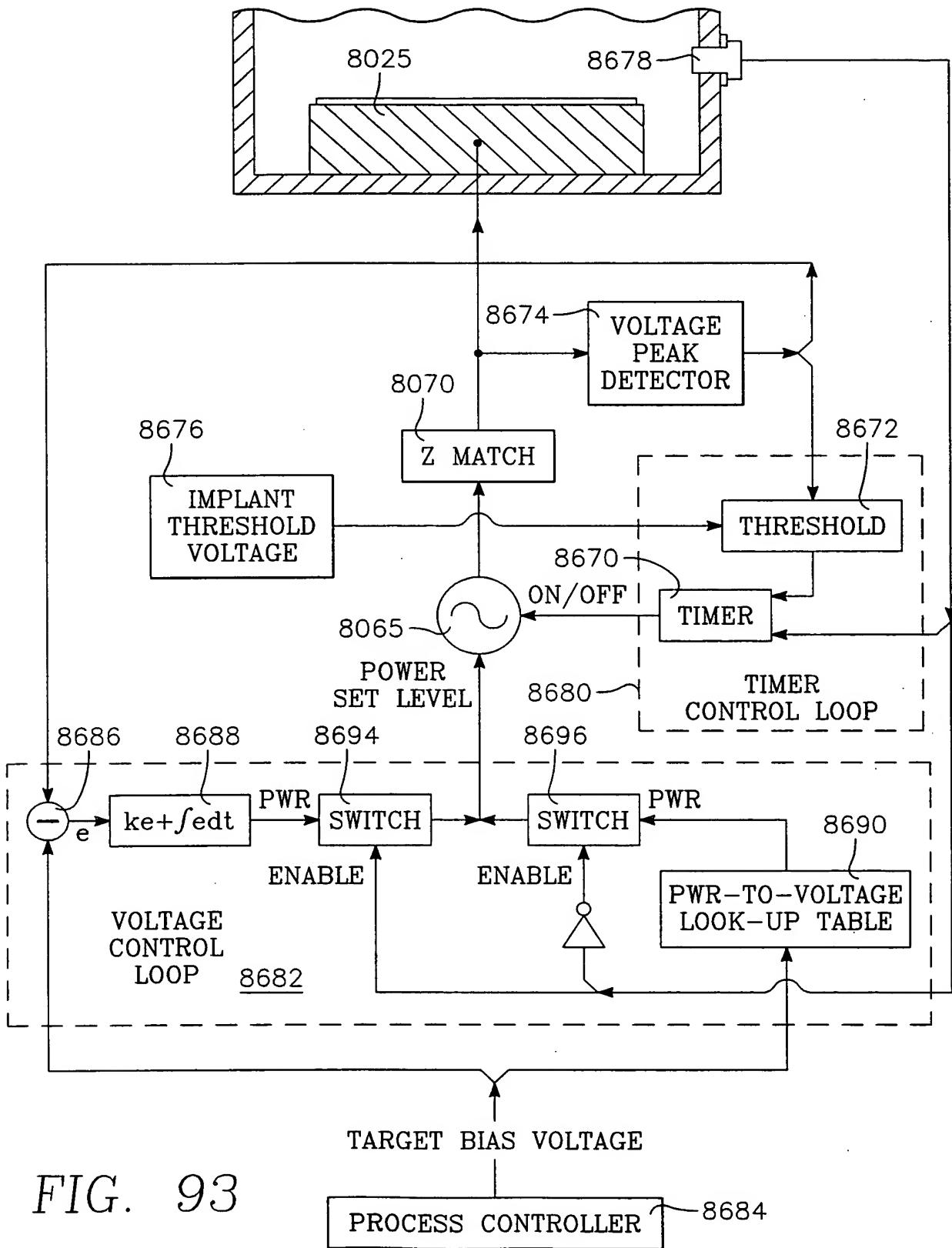


FIG. 93

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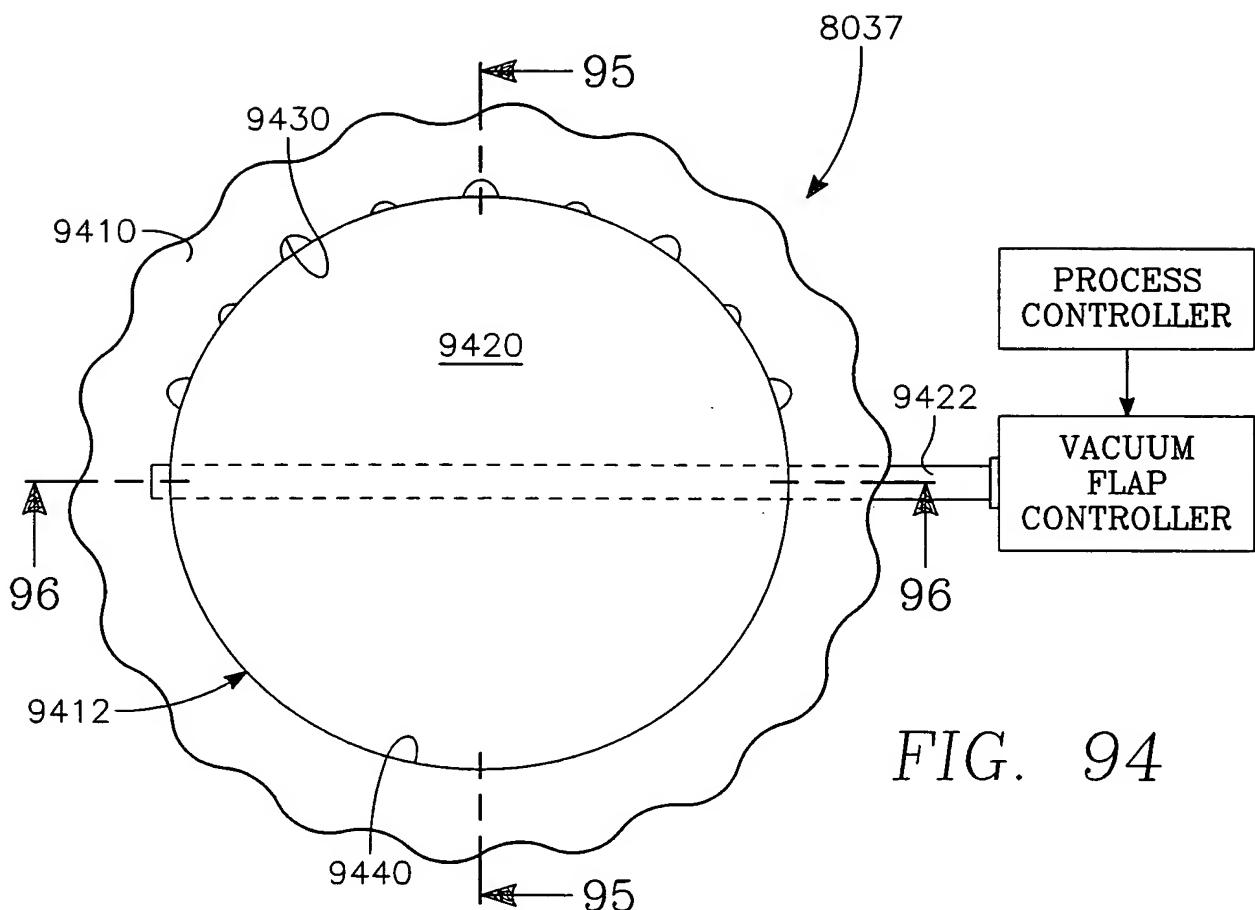


FIG. 94

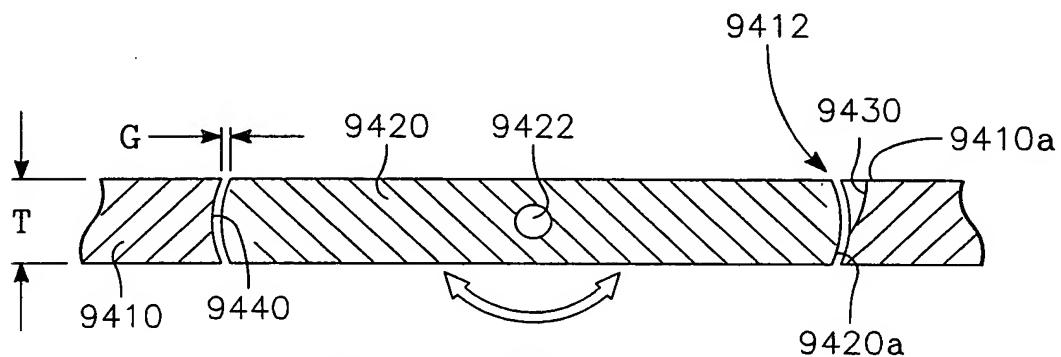


FIG. 95

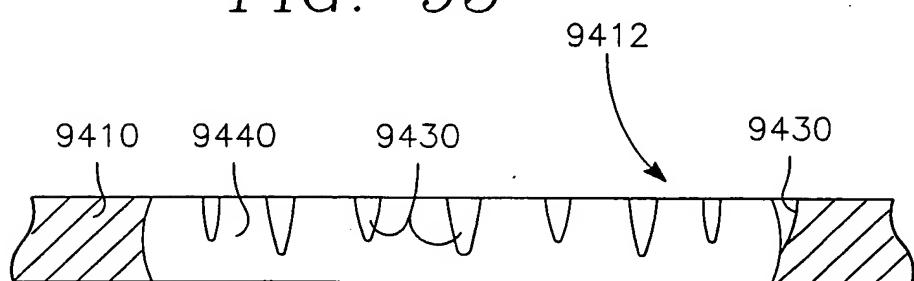


FIG. 96

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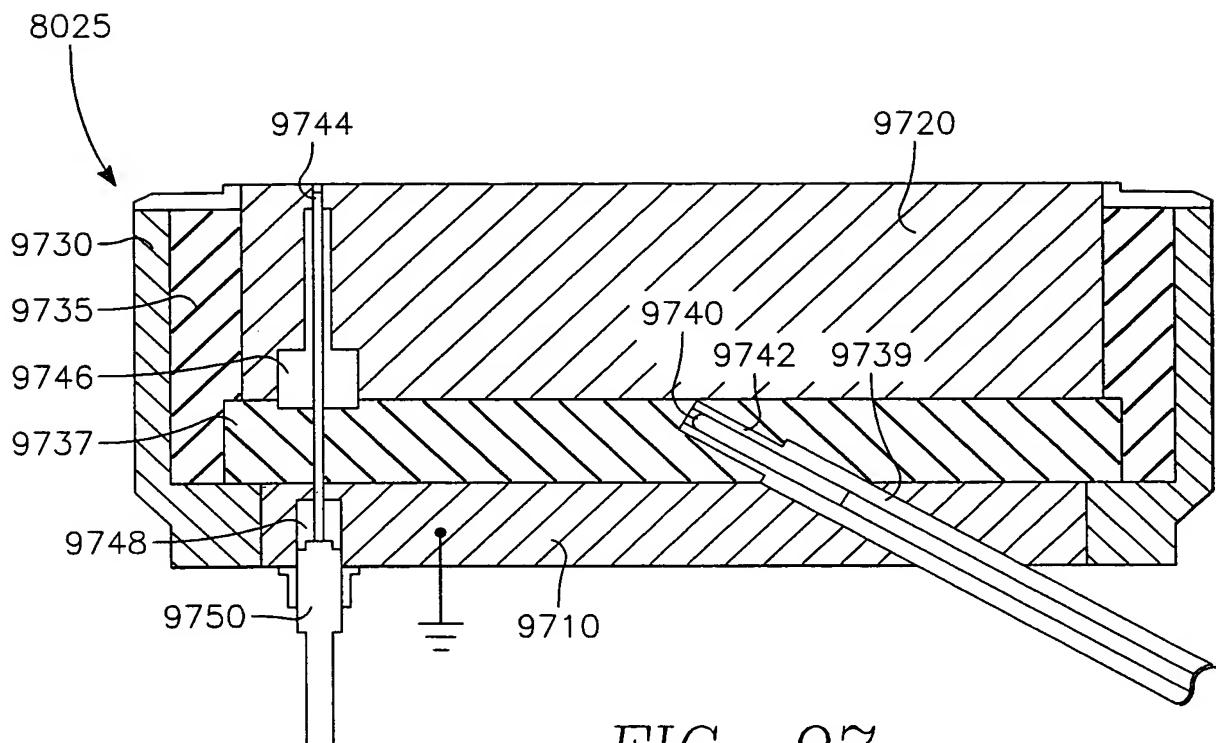


FIG. 97

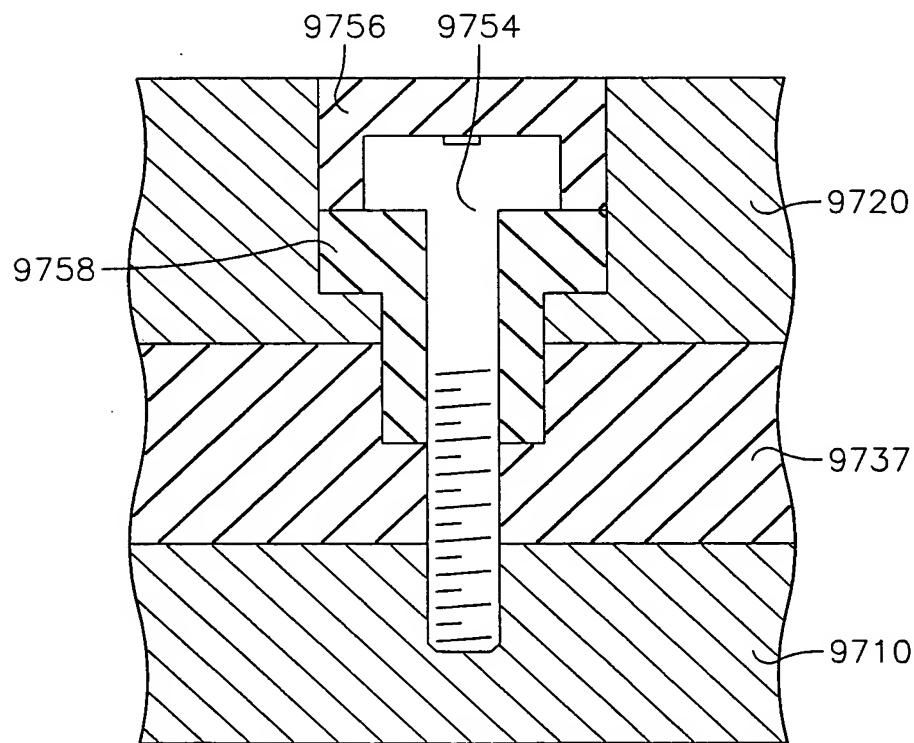


FIG. 98

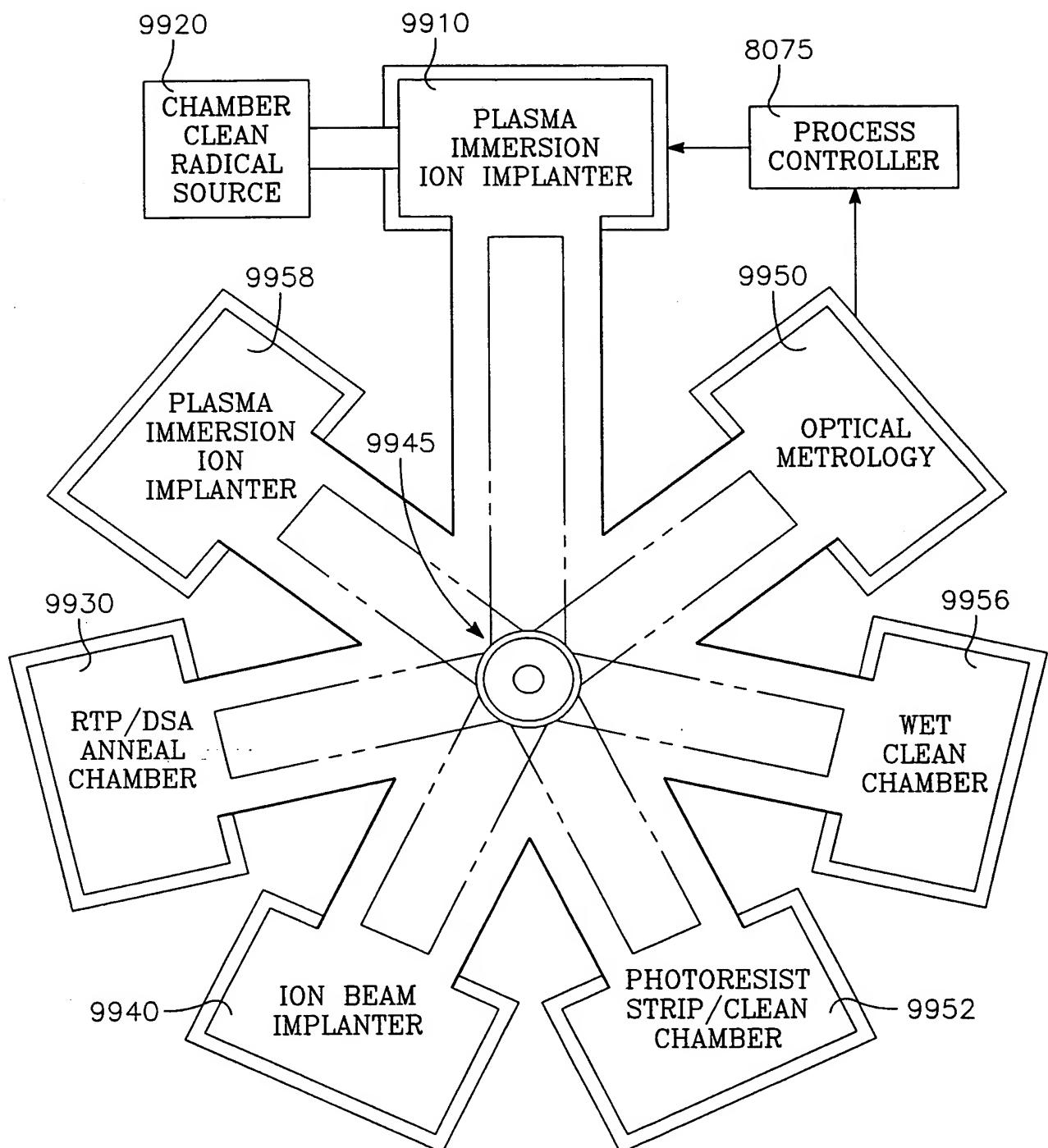


FIG. 99

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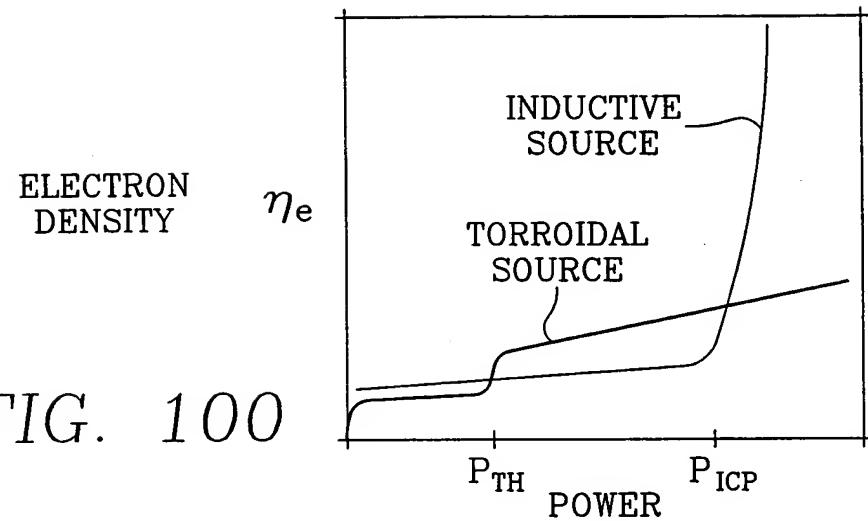


FIG. 100

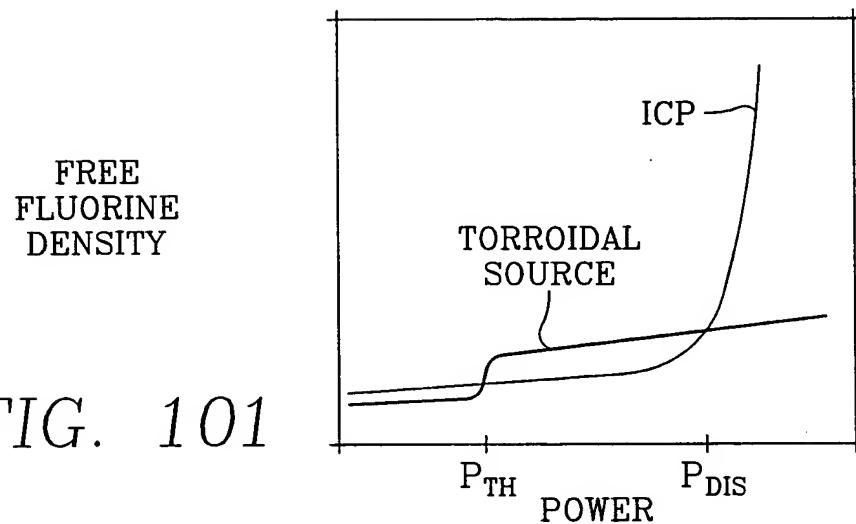


FIG. 101

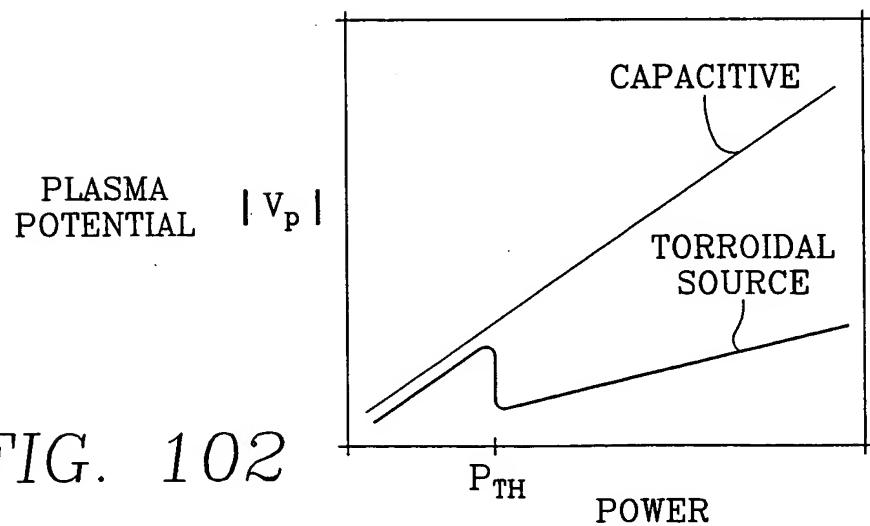


FIG. 102

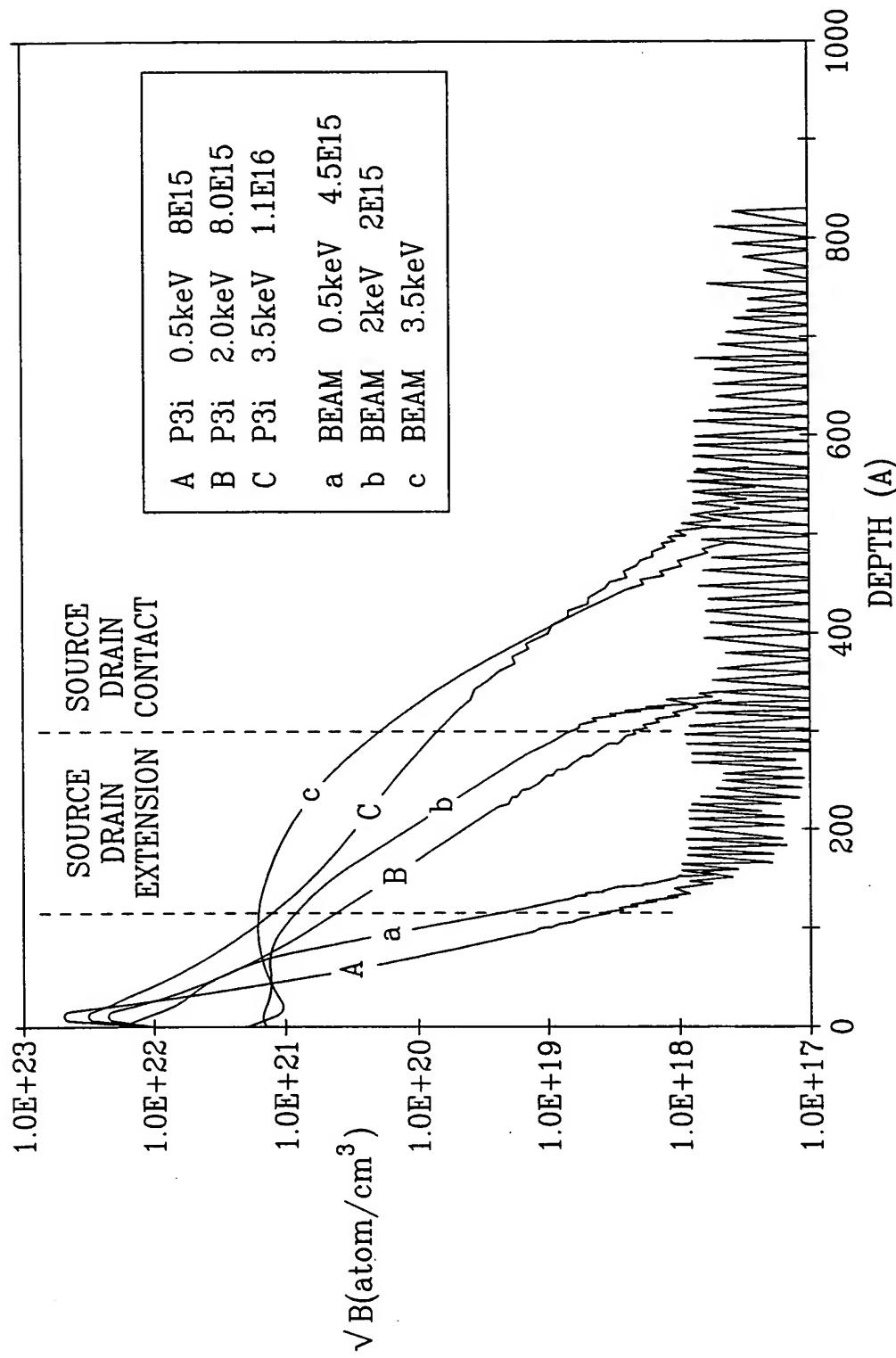


FIG. 103

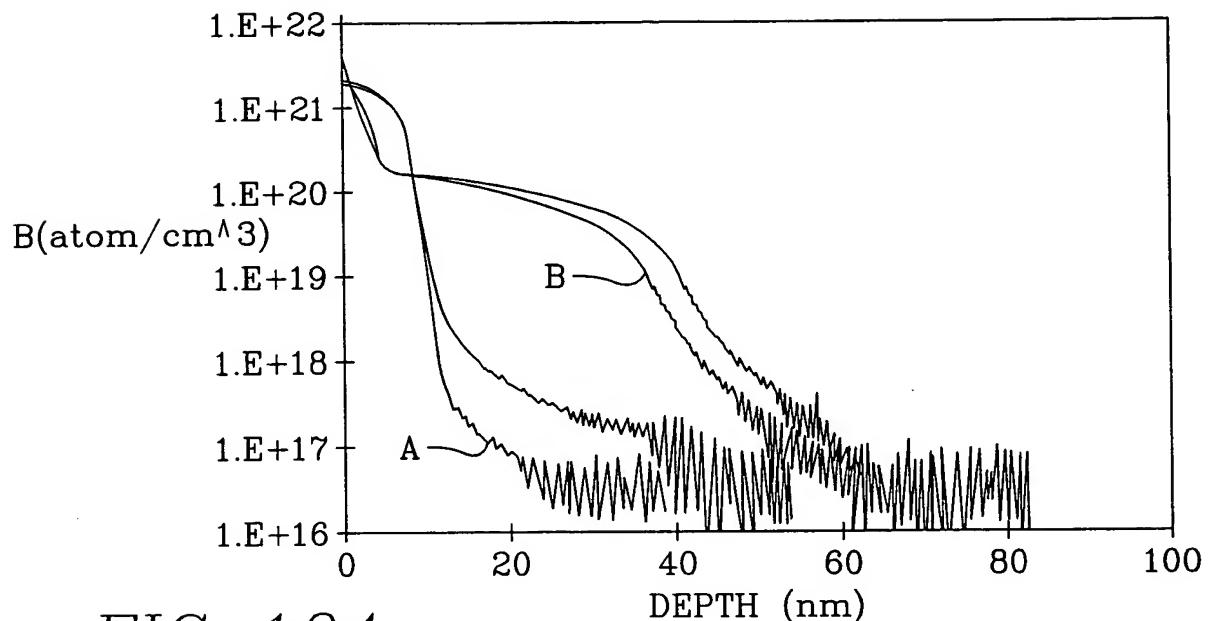


FIG 104

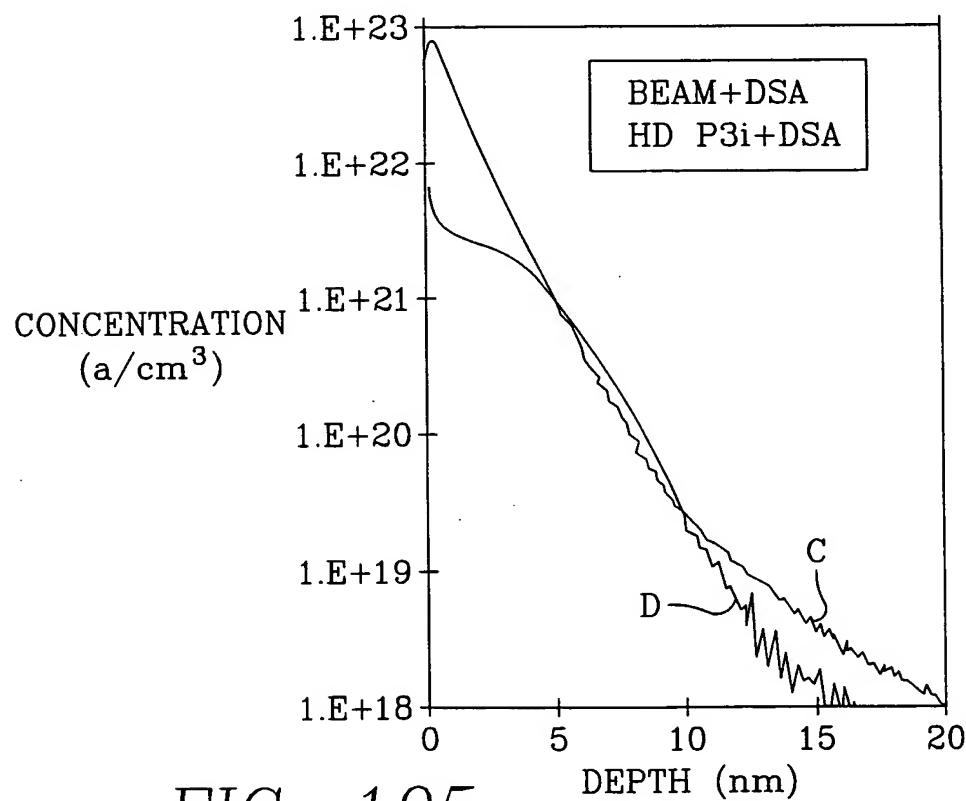


FIG. 105

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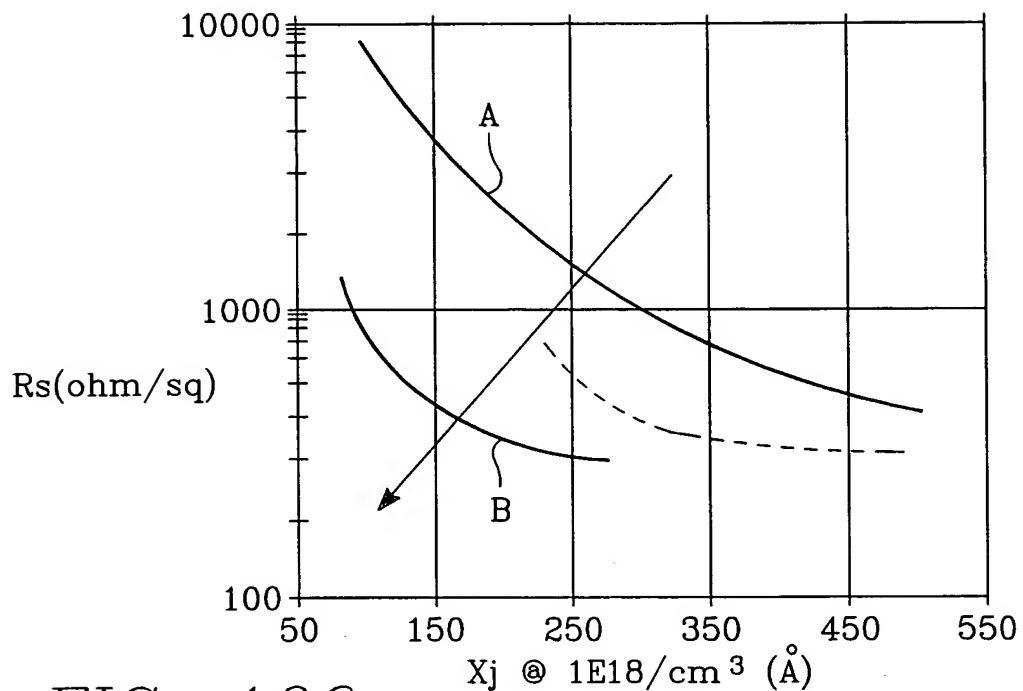


FIG. 106

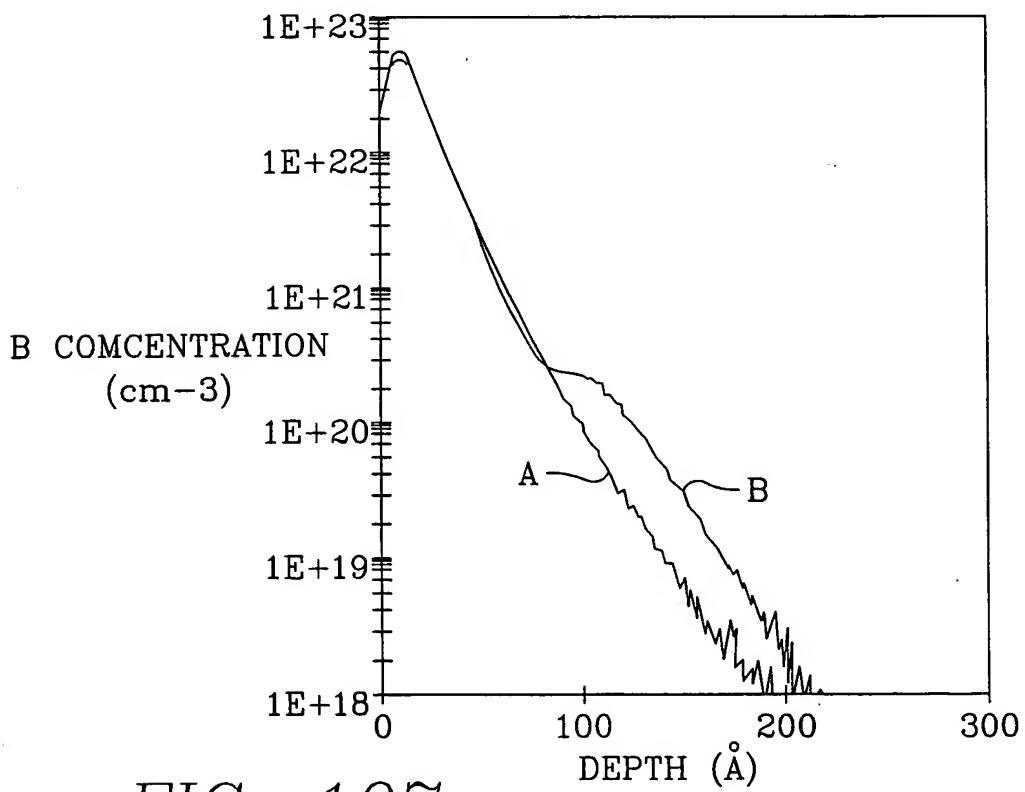


FIG. 107

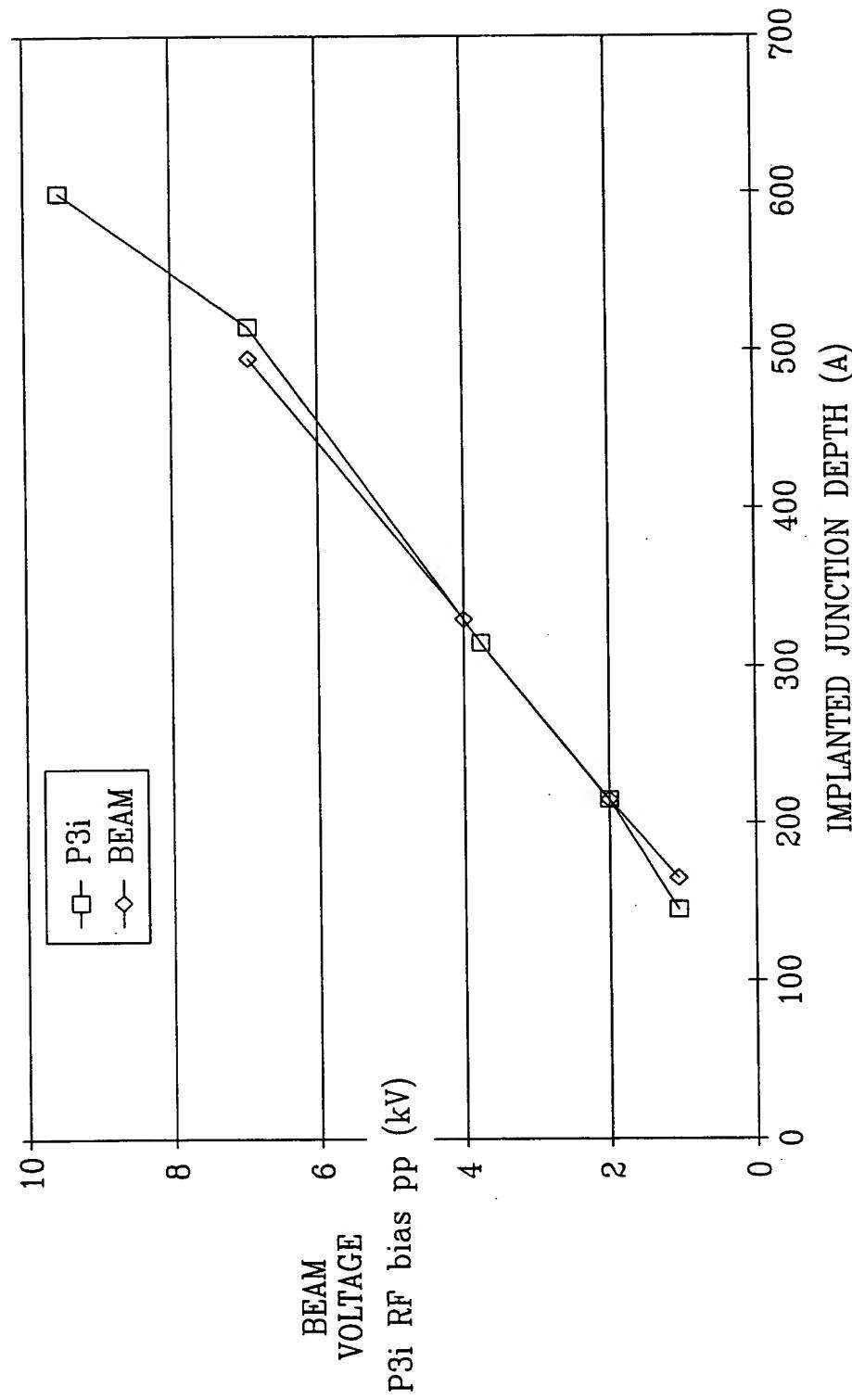


FIG. 108

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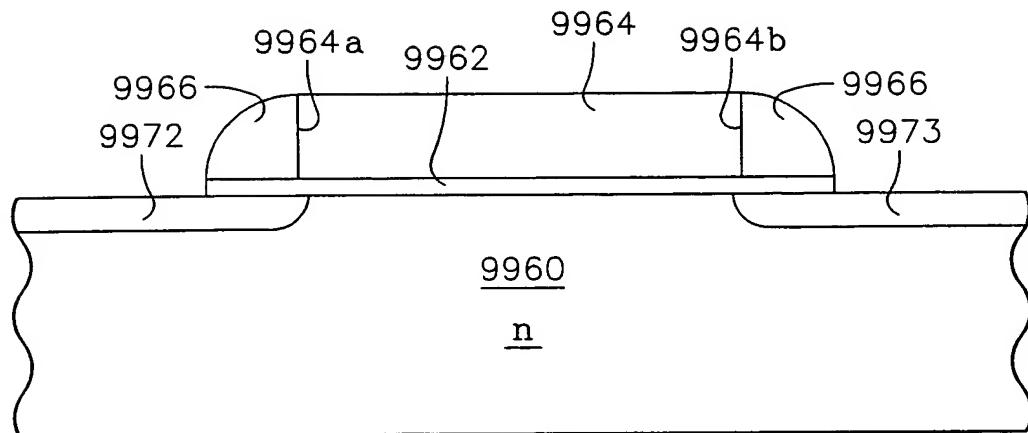


FIG. 109

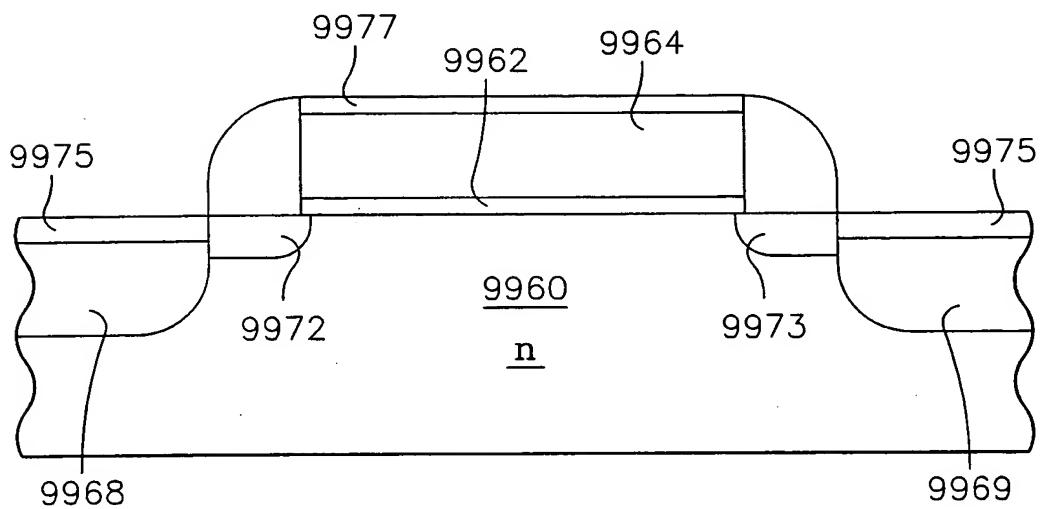


FIG. 110

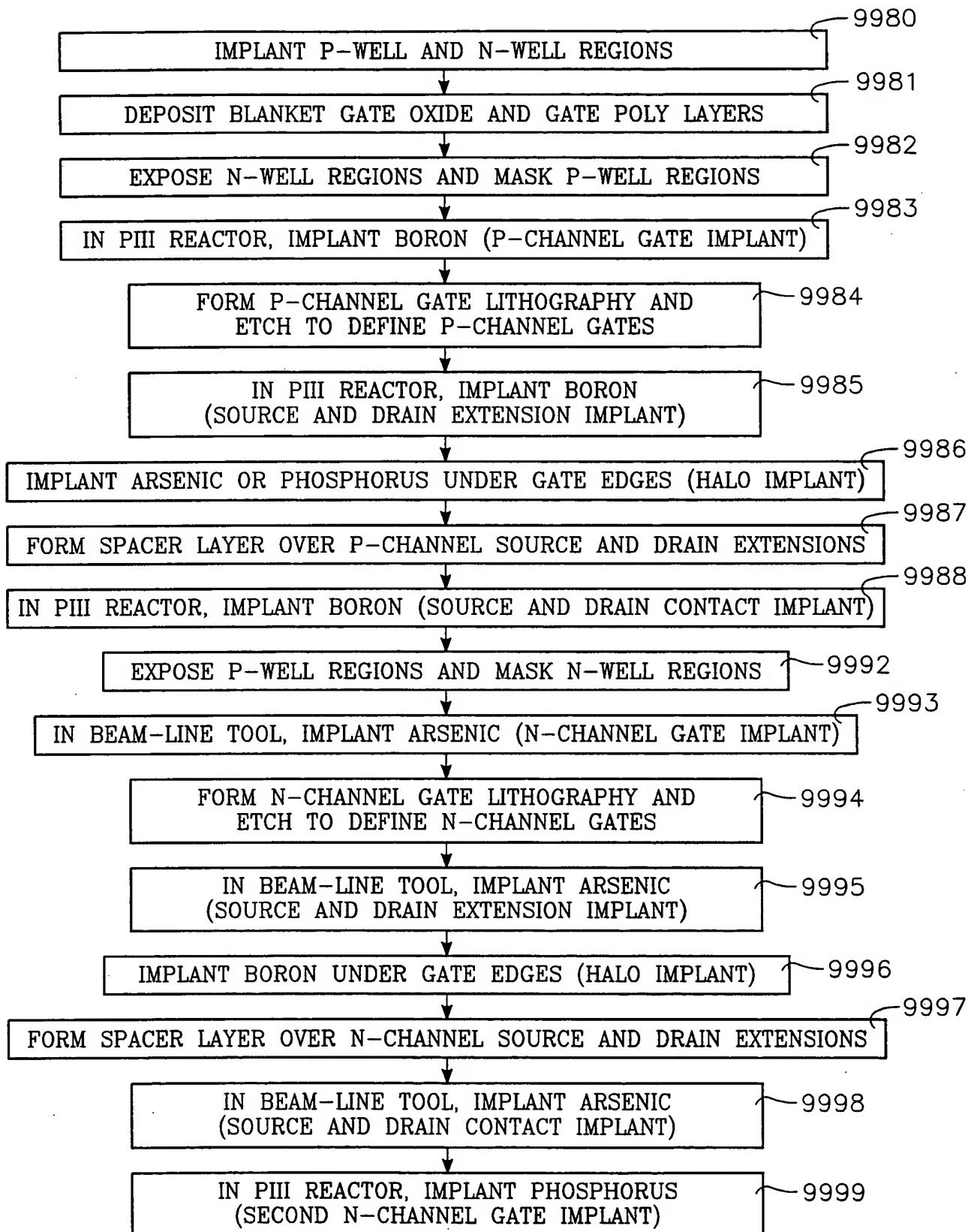


FIG. 111

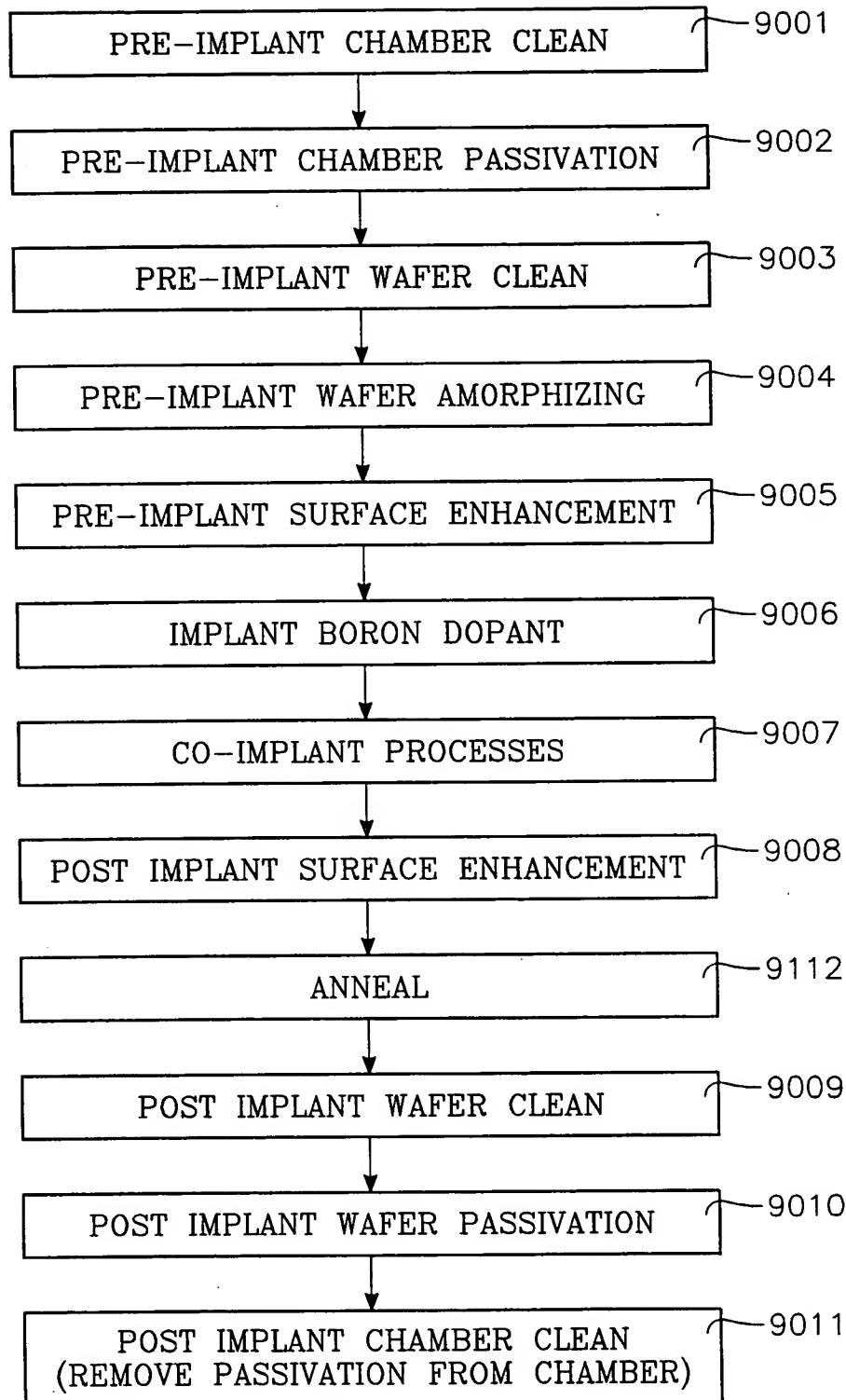


FIG. 112